

# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.





62 1899

Otto Schwill & Co.

Memphis,  
Tenn.

PRICE LIST

AND  
Catalogue of

Seeds

Trees

AND

Plants

of every  
Description.



FERTILIZERS,  
SEED, POTATOES, POULTRY SUPPLIES  
AND GARDEN TOOLS.

A SPECIALTY MADE OF  
**ROSES**  
AND  
Flowering Plants.

# INDEX.

	PAGE.		PAGE.		PAGE.
Artichokes, Seed and Roots.....	21-58	Drinking Fountain, for Poultry.....	64	Paris Green .....	61
Asparagus, Seed and Roots.....	21-60	Egg Plants.....	32	Peas, Garden.....	40-42
Barley Seed.....	57	Egg Producer, Rust's.....	63	Pepper.....	40
Baskets, Gardener's.....	67	Endive.....	32	Peas, Stock and Cow .....	57
Collections, Flower Plants.....	2-3-12	Fertilizers.....	62	Peas, Canada Field.....	57
Collections, Flower Seed.....	12-49-52-61	Fern Pans.....	67	Peanuts Seed.....	58
Collections, Fruit Trees.....	4-20-23-62	Field Seeds .....	56-58	Planet Jr. Drill and Horse Hoes.....	67-68
Collections, Vegetables.....	12-40 26	Flower Bulbs .....	53-54	Plants, Vegetable.....	54
Collections, Cotton Planters Journal.....	9-20	Flower Seeds.....	49-53	Poultry Supplies.....	63
Beans, Bush or Snap .....	21-23	Flowering Plants.....	2-11	Potatoes, Irish and Sweet.....	42-44
Beans, Pole .....	23 24	Flower Pots and Saucers.....	67	Potato Knife.....	65
Beans, Field .....	58	Floral Designs.....	11	Pumpkin Seed.....	42
Beets.....	24-25	Fruit Trees and Nursery Stock.....	13 20	Pickers, Fruit Wire.....	66
Bermuda Grass, Seed.....	56	Fruit Boxes.....	67	Pratt's Food.....	64
Beef Meal, for Poultry.....	63	Garden Tools.....	65-68	Pruner, Water's Tree.....	66
Beef Scraps, for Poultry.....	64	Grass Seeds.....	55-56	Radish Seed.....	44 45
Bird Seed.....	58	Greenhouse Plants .....	2-11	Rape, Dwarf Essex.....	58
Bone Meal, for Poultry .....	63	Herb Seeds .....	48	Roses, Plants.....	7
Bone Meal, for Fertilizer.....	62	Hotbed Mats.....	67	Rye Seed.....	58
Books, Garden Library .....	64	Incubators.....	64	Rhubarb Seed and Plants.....	45-60
Brocoli.....	25	Insect Destroyers.....	61	Salsify, Oyster Plant.....	45
Broom Corn.....	58	Huskers, Hand, Corn.....	66	Seed Sowers .....	66
Brussels Sprouts.....	25	Horse Radish Roots.....	60	Shade Trees.....	19-20
Buckwheat Seed.....	58	Kaffir Corn, Red and White.....	57	Soja Beans .....	58
Bulbs, Flower.....	53-54	Kale Seed.....	25	Sorghum Seed.....	57
Buhach, Insect Powder.....	61	Kohl-Rabi .....	32	Spinach Seed.....	45
Bug Death.....	61	Lambert's Death to Lice.....	64	Spray Pumps.....	65
Business Cards.....	70-76	Lawn Grass Seed.....	55	Squash.....	45 46
Cabbage Seed.....	26-28	Leek.....	32	Strawberry Plants.....	17-18
Cantaloupe.....	34-35	Lettuce Seed.....	32-34	Strawberry Boxes.....	67
Cane Seed .....	57	Lice Exterminators.....	64	Sprinkler, Hand Rubber.....	65
Carrots .....	28 29	Measures, Wooden .....	67	Sunflower Seed.....	58
Cauliflower.....	29	Milo Maize, Yellow.....	57	Sweet Peas.....	52-53
Celery.....	29	Millet, German.....	57	Teosinte, Forage Plant .....	58
Chicken Feed, for Poultry .....	63	Millet, Pearl.....	57	Thermometers .....	66
Chicory.....	25	Miscellaneous Seeds.....	56-58	Tobacco Seed .....	48
Chufas.....	58	Mustard Seed.....	37	Tobacco, Extract Rose Leaf.....	61
Climbing Plants and Vines.....	10-20-51	Melon, Water.....	35-37	Tobacco Dust .....	61
Clover Seeds.....	55	Mowers, Buckeye.....	68	Tomatoes .....	6-47
Collards.....	25	Mushroom Spawn.....	35	Turnip Seed.....	47-48
Corn, Garden and Sweet.....	30-31	Nasturtium Seed .....	50	Twines .....	67
Corn, Field and Pop.....	59-60	Oat Seed.....	58	Vegetable Seeds.....	21-48
Corn Salad.....	26	Okra Seed.....	38	Vetch, Winter Sand.....	58
Corn Planters, Hand.....	65	Onion Seed.....	38-39	Velvet Beans.....	56
Condition Powders .....	63	Onion Sets.....	38	Vines and Climbing Plants.....	10-20 51
Cow Peas.....	57	Oyster Shell, for Poultry.....	64	Watermelon Seed.....	35-37
Cress.....	25	Parsley Seed .....	39	Woolfatine Salve and Grease.....	67
Cucumbers.....	29-30	Pains and Decorative Plants.....	8-9	Whale Oil Soap.....	61
Cultivators, Garden.....	67-68	Parsnips.....	39	Work in the Garden Month y.....	68-69
Cut Flowers.....	11				
Cut Clover Hay, for Poultry.....	63				
Clover Meal, for Poultry.....	63				

## We Pay the Freight.

Upon receipt of price we will send, freight charges prepaid, the following collections of Fruit Trees, Grape Vines, etc:

### \$2 Schwill's Memphi Collection. \$2 \$5 Schwill's Bluff City Collection \$5

- |                              |                         |
|------------------------------|-------------------------|
| 1 Apple, Red June.           | 1 Peach, Heath Cling.   |
| 1 Apple, Yellow Transparent. | 1 Pear, Keiffer.        |
| 1 Apple, Tull.               | 1 Plum, Wild Goose.     |
| 1 Peach, Ensley.             | 1 Grape, Moore's Early. |
| 1 Peach, Elberta.            | 1 Grape, Concord.       |

No change allowed in above collection.

Our stock of Fruit Trees, etc., is all strictly first-class, good and strong, with whole roots-not the little twigs which the traveling nursery agent usually sends you. We ask a trial order.

- |                              |                                  |
|------------------------------|----------------------------------|
| 2 Apple, Early Harvest.      | 1 Pear, Bartlett.                |
| 2 Apple, Red June.           | 1 Pear, Keiffer.                 |
| 1 Apple, Yellow transparent. | 1 Plum, Wild Goose.              |
| 2 Apple, Black Twig.         | 1 Cherry, Wright's Early.        |
| 2 Apple, Tull.               | 1 Grape, Perkins.                |
| 1 Peach, Indian Blood.       | 1 Grape, Moore's Early.          |
| 1 Peach, Early Rivers,       | 1 Grape, Concord.                |
| 1 Peach, Elberta.            | 100 Strawberry, Michell's Early. |
| 1 Peach, Old Mixon Cling.    | 12 Blackberry, Early Harvest.    |
| 1 Peach, Ensley.             | 12 Raspberry, Gregg.             |
|                              | 1 Peach, Crawford's Early.       |

No change allowed in above collection.



*Memphis, Tenn.—Established, 1869.*

PLEASE CARRY OUT THE PRICE OF EACH ITEM

**It is Easy to Order Seeds by Mail.** All you have to do is to make out a list of the seeds wanted, attach the price to each, and remit by money order, draft, or registered letter. We assume all risk—that is, we guarantee that the seeds will arrive promptly and in good condition.

 Kindly write any questions, requiring answer, separately from the order.

TOTAL,

If you will send us the names of a few of your friends who buy seeds, we will be pleased to mail them our Catalogue, and will add some seeds to your order for so doing. Extra order sheets sent on application.

# Order Sheet for Fruit Trees, Vines and Plants.

## From Otto Schwill & Co., Memphis, Tenn.

PROPRIETORS OF

### THE MEMPHIS NURSERIES and IDLEWILD GREENHOUSES.

DATE, ..... 189..... Your Name, ..... Postoffice, ..... County, ..... State, ..... Express or Freight Office, ..... Ship by (State here how to Ship, by Mail, Express or Freight) ..... Forward NOW or about ..... (If you do not wish plants sent before a certain time please insert a date for shipping.)	<b>AMOUNT ENCLOSED.</b> Cash ..... P. O. Order ..... Draft ..... Postage Stamps ..... 2c preferred. TOTAL, .....	<b>Please Leave this Space Blank.</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">ORDER NO</td> <td style="width: 50%;">FILLED BY</td> </tr> <tr> <td>RECEIVED</td> <td>DATE FORWARDED</td> </tr> <tr> <td>AM'T ENCLOSED</td> <td>FORWARDED BY</td> </tr> </table>	ORDER NO	FILLED BY	RECEIVED	DATE FORWARDED	AM'T ENCLOSED	FORWARDED BY
ORDER NO	FILLED BY							
RECEIVED	DATE FORWARDED							
AM'T ENCLOSED	FORWARDED BY							

**NO GOODS SENT C. O. D.**

**TERMS STRICTLY CASH WITH THE ORDER.**

NUMBER OR QUANTITY	NAMES OF TREES AND PLANTS.	DOLLARS	CENTS
	AMOUNT FORWARD,		





# OTTO SCHWILL & CO.'S

## ANNUAL CATALOGUE

— OF —

### *Selected Seeds, Trees, Plants and Bulbs.*

**W**E take great pleasure in presenting our new Catalogue of Farm and Garden Seeds, Flowers, Plants, Trees and Bulbs, which, upon examination, will be found larger and more complete than ever before. For many years we have been extensively engaged in handling this kind of stock, and THE ADVANTAGES OF OUR LONG AND HARD-EARNED EXPERIENCE WE CHEERFULLY SHARE WITH OUR PATRONS, new and old.

It is not for a moment presumed that ours is the only good seed in the market, but it is believed to be as good as the best; as pure, as fresh, of as high a grade, AND AS TRUE TO NAME AS ANY. With all values reduced to this season's rates, THE BEST QUALITY OF SEED CAN BE PROCURED AT REASONABLE PRICES. There is no economy in buying cheap, inferior seed. We have carefully revised prices for our new Catalogue, and believe the figures will compare favorably with those of other dealers when quality is taken into account.

### NURSERY STOCK.

As owners of the MEMPHIS NURSERY CO., and growing all of our own stock, we are prepared to fill orders promptly for all kinds of Fruit Trees, Vines, Strawberry and other Nursery Stock. Plant only our home-grown and acclimated Trees, etc. They are far superior to Northern-grown stock.

### GREENHOUSE AND POT PLANTS.

At the IDLEWILD GREENHOUSES, of which we are proprietors, we are growing a complete assortment of Pot, Bedding Plants, Roses, Ferns, Palms, etc., and are also prepared to fill orders for Cut Flowers, Floral Designs, etc. Inspection invited. See body of this Catalogue for our list of Roses and Flowering Plants.

**HOW TO ORDER.** Write orders on a sheet of paper (see Order Sheet herewith) separate from the accompanying letter, and be careful to make plain the names of plants or seeds desired. It would be well for the sender to preserve a copy of the order, as it might save trouble should mistakes occur. Write name and postoffice address, town, county and State very plain.

**ORDER EARLY.** To avoid the uncertainty and delay liable to occur later, we advise early orders. Do not wait until planting time, but make up the list desired and hurry it forward in good season.

**TERMS.** Cash with order. Money can be sent by postoffice order, registered letter, express order or draft on New York, Chicago or Boston. If postage stamps are used in payment, please send 1 and 2 cent stamps only.

**PROMPT ATTENTION.** Every order for seeds will receive prompt attention—if for any cause delay in shipment is found necessary, acknowledgment of the order will be made and the reasons of delay stated—at the earliest possible moment the goods will be forwarded, as per directions.

**SEEDS BY MAIL.** We will pay the postage on all small seeds in packets, ounces, quarter-pounds and pounds when purchased from this Catalogue. For Peas and Beans and Corn add at the rate of 15 cents per quart to the Catalogue price, when ordered sent by mail.

**N. B.**—Let it be understood that we do not warrant any of the seeds in this Catalogue. They are believed to be in every respect reliable, having been grown and selected with care, but as seeds of the best quality may fail if improperly treated, we cannot guarantee them.

We hold ourselves responsible for the faithful observance of the terms of all our business transactions, and we aim not only to please our patrons, but to gain and hold their confidence, by a strict adherence to the principle of fair dealing. Our prices are all low, quality considered.

We respectfully solicit your order, which will have our prompt and faithful attention, we are,

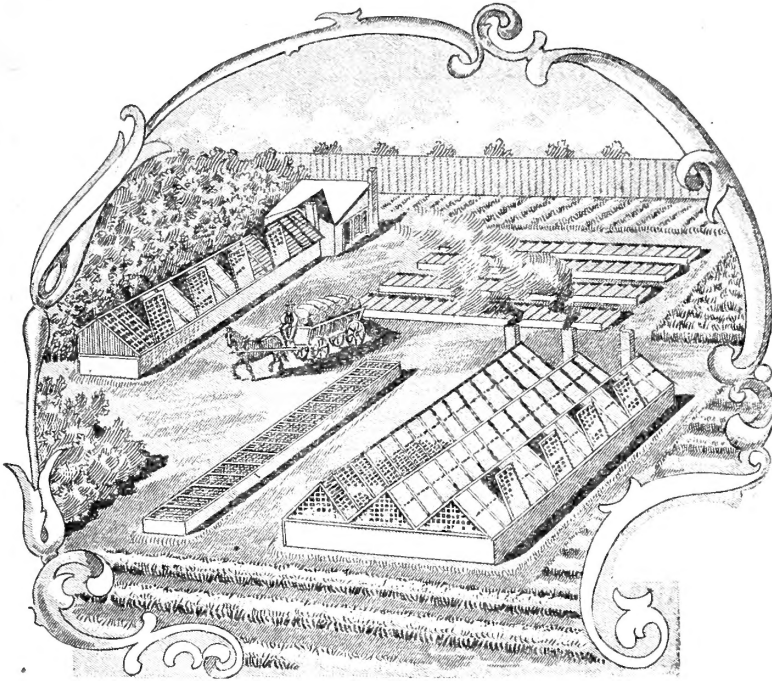
Yours truly,

**OTTO SCHWILL & CO.,**

NURSERY GROUNDS, FIVE MILES EAST, ON POPLAR BOULEVARD.  
GREENHOUSES, AT IDLEWILD, EAST END CAR LINE.

**304 Front St., Memphis, Tenn.**

# Greenhouse, Bedding and Pot Plants, Roses, Palms, &c.



GREENHOUSES AND TRIAL GROUNDS.

## *Sweet Alyssum.*

These are very pretty plants for beds, vases, hanging baskets, etc. Blooms profusely all summer both double and single. Price of plants: Double, each 10c; 75c a dozen. Single, each 5c; 40c a dozen.

## *Althernantheras.*

Plants with beautiful variegated foliage; used for ribbon lines, borders, etc. Very fine. Price both following varieties, each 5c; dozen, 50c; hundred, \$3.00.

AUREA NANA.—Of a dwarf, compact habit, with bright yellow foliage.

TRICOLOR.—Intermingled with rose, orange, green and bronze.

## *Abutilon—(Fairy Bell).*

SOV DE BONNE.—Variegated foliage, very strong grower, with large flowers; color bright orange, veined crimson. Each, 10c; larger plants, 25c.

## *Ageratum.*

Both Blue and White. Very nice for beds, also desirable for a house plant. Price, 10c each; 75c per dozen.

Having built several large greenhouses, we are now prepared to fill orders for all kinds of Flowering Plants, Palms, etc., promptly. Our prices will be found very reasonable for first-class stock.

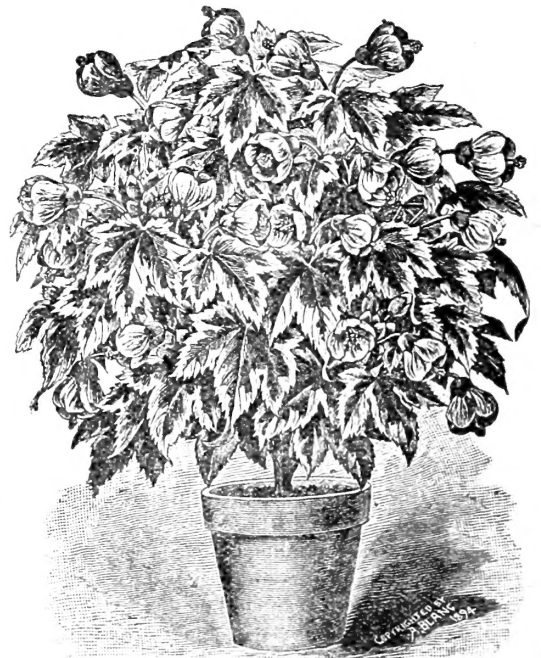
We call especial attention to the numerous collections of Plants, Roses, etc., on another page in this Catalogue, and remember we pay all mail or express charges on these collections, at prices given.

**READ THIS.**—Packing is done carefully, every precaution taken, so that plants reach customers in good condition. No charge made for packing.

**MAILING PLANTS.**—Our prices given on the following list of plants do not include prepayments of mailing or express charges, unless otherwise noted.

We invite inspection to our greenhouses and trial grounds, at Idlewild, on East End car line. Cut Flowers, Designs and Decorations to order, or call up Telephone No. 488. Long Distance Phone No. 219.

**SEND US A TRIAL ORDER.**



ABUTILON—(FAIRY BELL.)

**20 PLANTS**  
Beautiful Everblooming  
PREPAID FOR \$1.00

That every flower lover in America may afford a collection of greenhouse plants we have grown these 20 KINDS in large quantities, so that we might afford to send this large number for the very low price. They are all choice plants suitable either for house culture or outdoor vases or bedding. Please remember that they are all to be our selections of varieties; we cannot allow you to select at this price. Twenty plants for \$1.00, by express, prepaid.

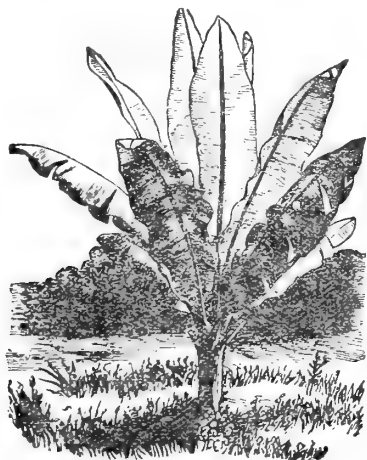


ASPARAGUS (PLUMOSUS NASUS).

**Asparagus.**

**PLUMOSUS NANUS.**—Is a very desirable plant for pot culture. Can also be grown like Smilax. Price, 15c each; Large Plants, 25c each.

**SPRENGERI.**—This is a new species; makes a very fine house plant, as it withstands the dry atmosphere. Price, 15c each; Large Plants, 25c each.



BANANA TREE.

**Banana—(Muse Ensette).**

Both Tall-growing and Dwarf varieties. Price, 75c each; large size, \$1.00 each.

**ROSES.**—Twenty good size Plants for Postage Paid. **\$1.00**

**Begonias.**

**PRES CARNOT.**—Very strong grower; upper side of leaves deep green; under side purplish red; flowers red.

**ARGENTEA GUTTATA.**—A handsome foliage variety; variegated leaves; white flowers; makes a fine pot plant.

**DUCHARTREI.**—Foliage lanceolate; pure white; a strong, healthy grower.

**SANDERSONI.**—A bushy grower; flowers in clusters of heart-shaped flowers.

**RUBRA.**—Dark green leaves; flowers scarlet rose, glossy and wax-like.

**ALBA PICTA.**—A very pretty species from Brazil; leaves are glossy green, freely spotted with silvery white.

**VERNON.**—Fine bedder; free flowering; flowers changing from a deep red to a beautiful clear rose. Price of above named seven varieties, each, 15c; larger size, 25c each.

The above seven Begonias, \$1.00, postage paid.

**REX.**—Very fine; are especially adapted to amateur cultivation. Price, 25c each; large size, 50c each.



BEGONIA REX.

**Caladiums—(Elephant Ears).**

**ESCULENTUM.**—This is that well-known variety called Elephant's Ear. Very fine. Price, 25c to 50c.

**FANCY LEAVED.**—A very pretty plant for bedding, leaves are finely variegated; very strong growers. Price, 20c each; large size, 35c each.

**Coleus.**

We have a nice collection of Coleus. All the most popular and latest varieties. Price, 50c dozen; \$3.00 per 100.

**Cuphea.**

The well-known "Cigar Plant." Very easily grown; especially adapted for pot culture. Price, 10c each; large plants, 25c each.

**DO NOT** Overlook our "Special Low Priced Collections" of Fruit Trees and Plants on another page in this Catalogue. Remember, we pay all carrying charges on these collections.

**Palms and Decorative Plants at Low Prices.**



**Calla Lily.**

ETHIOPICA.—This is the well-known Lily of the Nile. Makes a fine pot plant for the house. Price, 50c each.

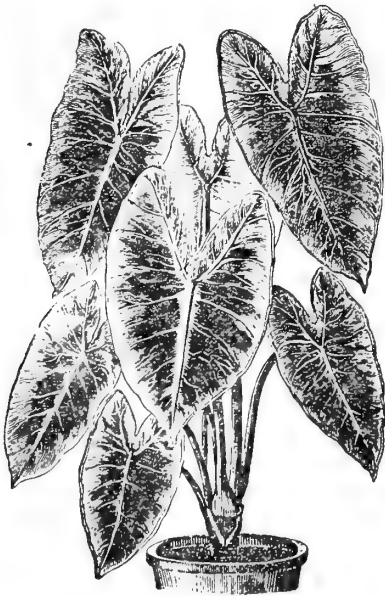
LITTLE GEM.—Dwarf Calla Lily. Very free flowering. Price, 25c each.



CALLA LILY.

**Calicasia.**

Very fine plant for the flower bed; strong grower; leaves upright and more graceful than Caladiums. Price, 25c each; large size, 50c each.



FANCY LEAVED CALADIUM.

**Carnations.**

LIZZIE MCGOWAN.—Purest white; large; very attractive and very prolific.

FLORA HILL.—Fine; white; strong, healthy grower.

WM. SCOTT.—Vigorous growth; very free blooming, of a rich, rosy color.

DAYBREAK.—A delicate shade of pink; greatly admired.

MRS. S. A. NORTHWAY.—Pink; strong grower; extra fine.

ALBA SUPERBA.—White; very free blooming.

WHITE CLOUD.—Pure white; large, strong grower.

GOLD NUGGET.—Yellow; one of the finest.

MORELLO.—Scarlet; very free bloomer; strong grower.

Price, 10c each; 3 for 25c; 7 for 50c.



CARNATION.

**Cannas.**

We have a very fine collection of Cannas; all colors; both dwarf and tall-growing.

ALPHONSE BOUVIER.—Bright crimson; tall; one of the best out-door bedders; 6 to 7 feet in height.

FLORENCE VAUGHAN.—Yellow, spotted with bright red; 3 feet in height.

PAUL MARQUANT.—Very large; bright salmon, with carmine tint; 3 to 3½ feet high.

MAD. CROZY.—Crimson scarlet; bordered with golden yellow; 3½ to 4 feet high.

QUEEN CHARLOTTE.—Orange scarlet, edged with carmine yellow; 4 feet high.

ROSE UNIQUE.—The nearest approach to a rose color yet introduced; dwarf grower; 3½ feet.

CHAS. HENDERSON.—Fine crimson color; compact and uniform; strong plant; 3½ to 4 feet in height.

Price above 7 varieties, 15c each; \$1.50 a dozen.

AUSTRIA.—New; fine yellow; dark green foliage; 6 feet in height. Each 25c.

ITALIA.—New; very fine; orange scarlet, with golden yellow border; orchid-like flowers; height, 6 to 7 feet. Each, 25c.

# 200

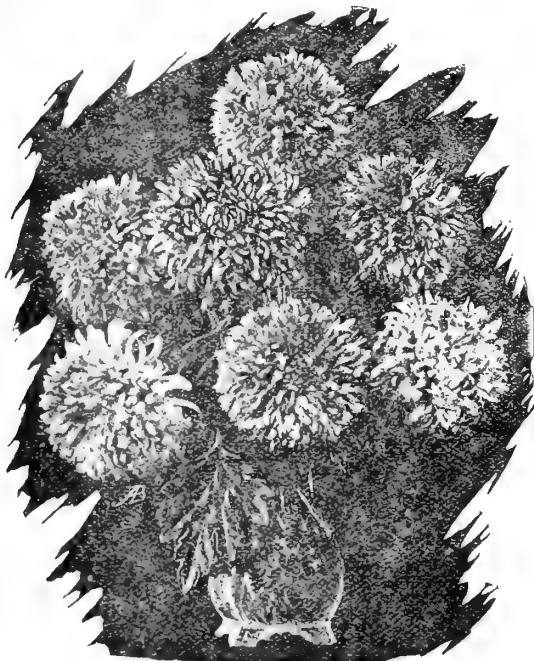
STRAWBERRY PLANTS for \$1.25, Express charges prepaid, including three months' subscription to the COTTON PLANTERS JOURNAL.

Make Your Home Cheerful and Pleasant by Planting a Few Flowering Plants, Bulbs, etc.



DWARF CANNAS

FLAMINGO.—Dwarf; large flowers; color, deep crimson; 4 feet in height. Price, 15c each; \$1.50 a dozen.



CHRYSANTHEMUM.

### *Chrysanthemums.*

We have some fine varieties. Send us a trial order and be convinced.

H. ROBINSON.—White; very fine.

MAYFLOWER.—Pure white; very large.

YELLOW QUEEN.—Fine; large yellow; strong grower.

WHITE SWAN.—Pure white; very large.

MERRY MONARCH.—Large; pure white; very early.

THE TIMES.—Mammoth pink flower; vigorous grower.  
 PHILADELPHIA.—Beautiful cream yellow.  
 ENFANT DES DEUX MONDES.—Creamy white.  
 JOHN SHRIMPTON.—Bright, velvety, crimson scarlet; large.  
 MRS. PERRIN.—Pink; very fine.  
 QUEEN.—Pure white; strong grower.  
 VIVIAND MOREL.—Rose pink.  
 MRS. A. J. DREXEL.—Dark red; strong grower.  
 MAD. CAYEAUX.—Ostrich plume; dark red.  
 NIVEUS.—Snowy white; very large.  
 MRS. BERGMAN.—Earliest white; very fine.  
 MRS. J. JONES.—Beautiful waxy white; late.  
 MODESTA.—Intense yellow; in-curved; full center.  
 MRS. E. G. HILL.—Beautiful pearly pink; large.  
 GOLDEN WEDDING.—Rich golden yellow.  
 Price, 10c each; \$1.00 per dozen, postage paid. Large plants, 20c each; per dozen, \$1.50.

### *Daisy—(Bellis Perennis).*

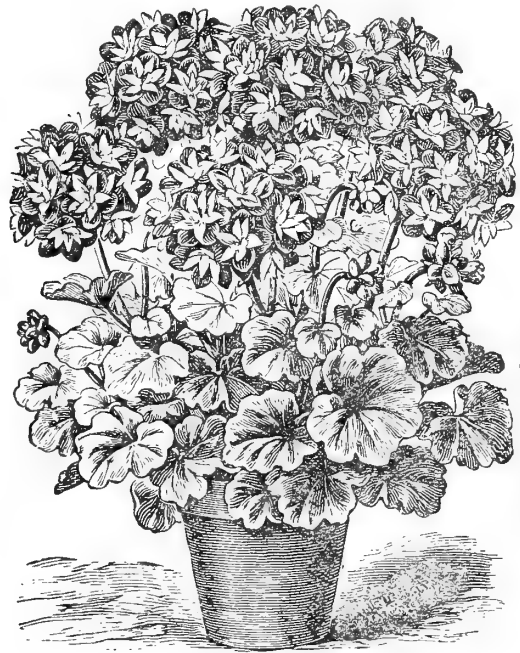
Very fine for planting in the flower bed; stands the summer well; pure white. Price, 5c each; 50c per dozen.

### *Bianthus—(Pinks).*

Very fine for pot culture; also for the beds. Price, 10c each; 75c per dozen.

### *Dusty Miller.*

A very fine plant for bordering; has a very fine foliage. Price, 10c each; 75c per dozen.



GERANIUM PLANT.

### *Geraniums.*

#### VARIEGATED.

HAPPY THOUGHT—Dark green foliage, with light center and dark band around light zone.

MAD. SALLEROL.—Silver geranium; good bedder.

Price, 10c each; dozen, 75c.

#### IVY-LEAFED GERANIUMS.

SIR CHAS. TURNER.—Very fine; color, bright pink.

JOAN OF ARC.—Very large; color, purest white.

Price, 15c each; large size, 25c each.

Use Our PURE BONE MEAL for Roses; the Best Fertilizer to make them Bloom.

**MIXED GERANIUMS.**

We have a large assortment of Geraniums not named that we offer to our patrons cheap. 10c each; 75c dozen. Our bedding collection—try it—20 for \$1.00.

**NAMED VARIETIES—DOUBLE.**

GLORI DE FRANCE.—Salmon white; dark salmon center.  
 ASA GRAY.—Salmon color; very fine.  
 S. A. NUTT.—Dark crimson; strong grower.  
 BRUANTE.—Scarlet.  
 WHITE SWAN.—Double white.  
 LA FAVORITE.—Double white; large, strong grower.  
 EDMUND ABOUT.—Salmon red; edged with light shade.  
 ILLUMINATOR.—Bright scarlet.  
 VICTOR HUGO.—Brilliant salmon.  
 Price, 10c each; \$1.00 dozen.

**SINGLE GERANIUM.**

SOV DE MIRANDE.—Fancy; scarlet and white.  
 MASTER CHRISTINE.—Pink; strong grower.  
 MRS. E. G. HILL.—Bright salmon; white center.  
 GEN. GRANT.—Brilliant scarlet.  
 QUEEN OLGA.—Large pink trusses.  
 BLANCHE MANLAS.—Salmon color; light edge.  
 NELLIE WOODS.—Bright salmon; marbled white.  
 PAULINE LUCCA.—Pure white.  
 BENNETT.—Extra large; fine pink.  
 QUEEN OF THE WEST.—Light orange; scarlet.  
 BELLE OF MEMPHIS.—Beautiful dark scarlet.  
 PRINCE BISMARCK.—Scarlet; white edge.  
 RALPH.—Dark crimson; very large bloom.  
 Price, 10c; \$1.00 dozen.  
 APPLE SCENTED.—Very fragrant. Price, 10c each.

**ROSE GERANIUMS.**

LIVINGSTON.—Skeleton leaf, fragrant. Price, 10c each.  
 MRS. TAYLOR.—Large scarlet, extra fine. Price, 10c each.



HELIOTROPE.

**Heliotrope.**

MAD. BRYANT.—Lavender; blooms profusely.  
 JERSEY BEAUTY.—Dark purple.

FLUER DE ETE.—Pure white; strong grower.

Price, 10c each; 3 for 25c; 75c per dozen; large plants 25c each.

**Hibiscus.**

We have both single and double Hibiscus, all good varieties. Price, 15c each; large plants, 35c each.

**Hydrangea.**

THOS. HOGG.—Pure white; extra fine.

PANICULATA.—Perfectly hardy; pure white.

HORTENSIS.—Pink; very fine.

Price, each 15c; large plants, 50c each; extra large plants, 75c each.

**Jasmine.**

CAPE.—Pure white; strong grower; fine foliage. 50c each.

NIGHT BLOOMING.—White; long clusters; extra fine.  
 Price, 10c each; large plants, 25c each.

**Lantana.**

JACQUEMINOT.—Orange yellow. 10c each; 75c dozen.

INNOCENCE.—White; dwarf grower. Price, 10c each; 75c dozen.

**Lobelia.**

White and blue; very fine for bedding and hanging baskets. Price, 5c each; 50c dozen.

**Mignonette.**

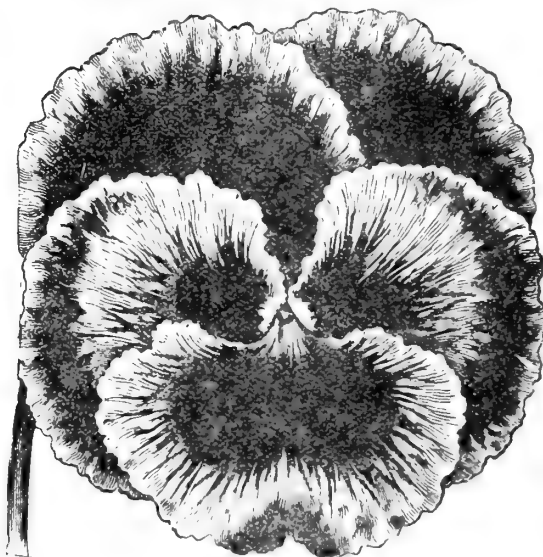
We have a fine stock of these flowers; large and very fragrant. Price, 5c each; 50c dozen.

**Nasturtium.**

Both tall and dwarf; excellent for hanging baskets and vases. Price, 5c each; 40c dozen.

**Nierembergia.**

Half hardy perennial; slender growing plant; blooms profusely; suitable for hanging baskets, vases or bedding out. Price, 5c each; 50c dozen.



PANSY.

**Pansies.**

GIANT PINK.—Very fine pink; extra large.

GIANT GOLDEN QUEEN.—Large yellow.

MAMMOTH WHITE.—Extra fine; large flowered.

The above 3 varieties, 10c each; 3 for 25c, 12 for 75c.

For 25c you can select 8 pkts of Garden and Flower Seeds of the 5c size, and remember we pay postage

**Pansies—Mixed Varieties.**

All leading varieties unnamed, 5c each ; 50c per dozen ; special price on 100 lots.

**Petunias.**

Excellent for bedding ; also makes a fine pot plant. Both double and single. Price single Petunias, 5c each ; 50c per dozen ; double, 10c each ; \$1.00 per dozen.

**Plumbago.**

CAPENSIS.—Blue flower ; strong grower.

CAPENSIS ALBA.—Pure white.

Price, 10c each ; 3 for 25c ; larger plants, 25c each.

**Pilea Arborea.**

(Artillery Plant.)

A very fine plant for pot culture. Price, 10c each ; large plants, 25c each.

**Salvia.**

(Scarlet Sage.)

Very fine plant for the bed ; also makes a fine pot plant. Price, 10c each ; 75c per dozen ; large plants, 15c each.

**Stevia.**

VARIEGATED.—A nice plant for the house or lawn. Price, 15c each ; large plants, 25c each.

**Smilax.**

A nice plant that is used for decorating and bouquets. Price, 10c each ; 3 for 25c.

**Swansonia.**

A splendid plant for a winter house plant ; blooms profusely ; has large clusters of white flowers. Price, 15c each ; large plants, 25c each.



SWANSONIA.

**Roses.**

AMERICAN BEAUTY.—One of the finest ; color, red.

BRIDE.—Pure white ; strong grower.

BRIDESMAID.—Pink ; very popular.

C. SOUFERT.—White ; blooms profusely.

KAISERIN AUGUSTA VICTORIA.—One of the best whites.

SOUV. DE WOOTEN.—Red ; very strong grower ; large flowers.

PRES'T CARNOT.—White ; delicately shaded with salmon.

PERLE.—Yellow ; one of the finest.

SOMBREUIL.—White, tinged with delicate rose.



MADAM WELCH.

BELLE SIEBRECHT.—Pink ; fine bloomer.

ETOILE DE LYON.—Yellow ; strong grower.

NIPHETOS.—White long buds ; very fine.

RAINBOW.—Deep pink, striped with crimson and shaded with rich amber ; very fine.

H. M. STANLEY.—Amber rose, shaded with apricot yellow.

GEN. JACQUEMINOT.—Red ; large flowers ; strong grower.

PAUL NEYRON.—Deep, clear rose ; glossy foliage.

C. DE NOUE.—Red tea rose ; fine bloomer.

SUNSET.—Yellow ; strong grower.

MARIE V. HOUTTE.—Straw yellow, outlined with bright crimson.

MAD. DE WATTEVILLE.—Creamy yellow, covered with rosy blush.

CHAS. LA GRADY.—Red ; strong grower.

PIERRE GUILLOT.—Coppery orange ; large buds.

PRINCESS SEGAN.—Velvety crimson ; free bloomer.

LOUIS PHILLIP.—Red ; very fine.

MRS. DEGRAM.—Rich, glossy pink ; strong grower.

MAD. DE BRABANT.—Pink ; blooms profusely.

MAD. JOS. SWARTZ.—White ; strong grower.

MAD. CHAS. WOOD.—Red ; very strong grower.

LA FRANCE.—Pink ; free bloomer ; strong grower.

QUEEN.—White ; one of the finest.

MAMAN COCHET.—Pink ; strong grower ; extra fine.

C. MERMET.—Clear pink ; good bloomer.

MADAM WELCH.—Beautiful amber yellow, shaded with crimson.

VICK'S CAPRICE.—Satin pink ; very fine.

We have all the above Roses in several sizes, prices as follows :

2-inch pots, each 10c ; 16 your selection for \$1.00 } by mail

2-inch pots, 7 for 50c ; 20 our selection for 1.00 } post paid

3-inch pots, each 15c ; 5 for 50c ; 12 for \$1.00.

4-inch pots, large plants, each 25c ; 5 for \$1.00 ; 12 for \$2.00.

Field grown, extra large, strong plants, 50c each.

These last three sizes are too large for mailing ; can send them only by express.

**SWEET PEAS**—66 SEPARATE DISTINCT VARIETIES AND COLORS, ONE PACKAGE EACH FOR \$1.50; 40 PACKETS FOR \$1.00—Your own selection ; we pay the postage.

**Climbing Roses.**

MARECHAL NEIL.—Yellow; one of the best.

CLOTH OF GOLD.—Yellow; large, strong grower.

CLIMBING PERLE.—One of the finest yellows; good bloomers.

CLIMBING METEOR.—Dark red; very rapid grower.

CRIMSON RAMBLER.—Crimson; extra fine.

YELLOW RAMBLER.—Good bloomer.

WHITE RAMBLER.—Strong grower.

PINK RAMBLER.—Pink; extra fine bloomer.

Prices same as Everblooming Roses noted on page 7.

**Aloysia Citriodora.**

(Lemon Verbena.)

Makes a fine pot plant; very fragrant. Price, 10c each; 3 for 25c; 75c dozen.

**Verbenas.**

SCARLET DEFIANCE.—Glowing scarlet; large and showy.

MONSTROSA.—Large red; very fine.

SNOWFLAKE.—Pure white.

PURPLE QUEEN.—One of the best purples.

PINK BEAUTY.—Pink; extra large blooms.

Price, 5c each; 50c dozen.

**Violets.**

CALIFORNIA.—Large, single; extra long stem. Each 5c; dozen, 50c.

SWANLEY WHITE.—Double, white; very fine. Each, 10c; dozen, \$1.00.

LUXONNE.—Single; strong grower. Each, 10c; dozen, \$1.00.

Have a large stock of Violet plants and will make special low prices by the hundred

**Vinca Rosea Alba.**

(Perrywinkle.)

Fine for outdoor culture; pink and white. Price, 10c each; dozen, 75c.



VERBENA.

**Vinca.**

MAJOR VARIEGATOR.—Fine plant for hanging baskets, vases, etc.; very prettily variegated. We have also the solid green foliage which makes a fine contrast with the variegated variety. Price, 10 and 20c each.

## Palms and Decorative Plants.



ARECA LUTESCENS.  
(OSTRICH FEATHER PALM.)

**Areca Lutescens.**

(Ostrich Feather Palm.)

One of the grandest and most useful Palms in cultivation; full of grace and beauty. Plants, each, 3-inch pots, 35c; 4-inch pots, 50c.



LANTANIA BORBONICA.

**Lantania Borbonica.**

(Fan Palm.)

This Palm is a strong, vigorous grower and makes a fine window decoration. Each, 4-inch pots, 50c; 5-inch pots, \$1.00; 6-inch pots, \$1.25.



KENTIA FOSTERIANA.  
(THE CURLY PALM.)

**Kentia Fosteriana.**

(The Curly Palm.)

The finest of all Palms for house culture, and very beautiful in form. Price each, 4-inch pots, 75c.

If larger plants are wanted, write for prices.





PANDANUS UTILIS—(Screw Pine.)



SANSEVERIA ZEALANICA.



COCOS WEDDELLIANA.

***Phoenix Reclinata.***

Beautiful foliage; a very graceful and ornamental Palm. Each, 4-inch pots, 50c.

If larger plants are wanted, write for prices.

***Cocos Weddelliana.***

This is one of the most graceful of Palms. They are admirable for fern dishes. Each, in 3½-inch pots, 50c.

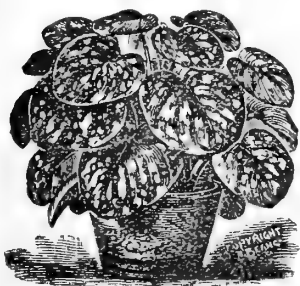
***Pandanus Utilis.***

(Screw Pine.)

A grand decorative plant, which will delight everybody. Its glossy, dark green foliage, gracefully arranged, renders it particularly attractive; a vigorous grower, and withstands more neglect than any other sort. Each, 4-inch pots, 75c.

***Pandanus Veitchii.***

Another satisfactory ornamental plant. Leaves are light green, beautifully marked with broad stripes and bands of pure white and most gracefully curved. Each, 4-inch pot, \$1.00.



LEOPARD PLANT.

***Farfugium Grande.***

(Leopard Plant.)

This makes a very pretty plant for window decoration, as the leaves are beautifully variegated. Price, 25c each; larger plants, 50c each.

***Agave—(America).***

(Century Plant.)

Belong to Cacti family; very showy plant. Price, each 50c; larger plants, \$1.

***Sanseveria Zealanica.***

A beautiful plant, splendidly adapted for house decoration, as it stands drouth and dust with impunity. The leaves grow to a length of 3 to 4 feet, and are beautifully striped crosswise, with broad, white variegations on a dark, green ground. It is a rare and beautiful plant, which should be abundantly grown for positions out of the reach of sunlight, where other plants will not thrive. It has a singular beauty for decorative purposes which other plants do not possess, and is useful for both winter and summer. For vases or baskets it makes a fine center piece, and it grows splendidly out of doors during the summer months. Strong, healthy plants, 20c; large plants, 50c.

***Pomegranate.***

A first-class plant for the lawn or indoor. Price, 25c each.

***Oleanders.***

We have a fine stock of these plants, which we will sell reasonable. Price, 25c each; larger plants, 75c each.

***Grevillea Robusta.***

(Silk Oak.)

This plant is a very strong growth and is very graceful; it is also very easy to grow. Price, 25c each; larger plants, 75c each.

***Aspidistra.***

An elegant window plant and is most desirable on account of its easy growth. Price, 25c each; large plants, 50c each.

GREVILLEA ROBUSTA.  
(SILK OAK.)

## Grandest Premium Offer Ever Offered by any Reliable Seed House.

We have purchased 20,000 subscriptions to the COTTON PLANTERS JOURNAL which we will give free with our 50c, \$1.00 and \$1.25 collections of Garden, Vegetable and Flower Seeds, Plants and Nursery Stock, in order to introduce them into every home in the South and we make the numerous liberal offers on another page in this catalogue. Don't miss them. Send us your name and address and we will mail you catalogue and sample copy of the COTTON PLANTERS JOURNAL, the subscription price alone of which is \$1.00 per year. Select your collection and send same to us with money order to cover amount of the seeds and we will send you the COTTON PLANTERS JOURNAL free for one year on \$1.00 and \$1.25 collections named in our Catalogue, and free for six months with 50 cent collections.



SWORD FERN

**Ferns.**

We have a fine assortment of Ferns, which we will sell reasonable. Price, 15c; 2 for 25c; \$1.25 dozen. When large plants are wanted ask for special price.

***Cyperus Alternifolius.***

(Umbrella Plant.)

A splendid plant, throwing up stems two or three feet high, surmounted at the top with a wharf of leaves. Fine for center of vases or aquariums. Price, 10c each; larger plants, 25c; extra large, 50c.



UMBRELLA PLANT.



RUBBER TREE.

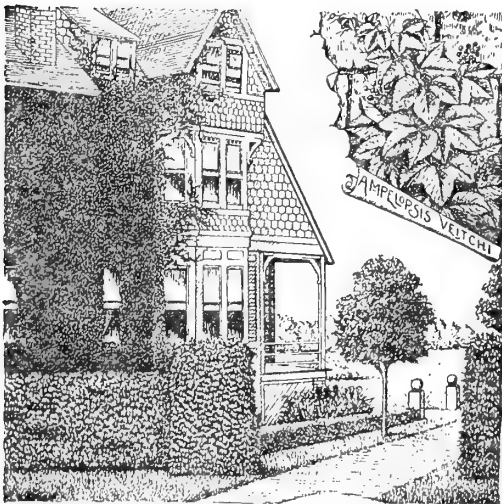
***Ficus Elastica.***

(Rubber Tree.)

Has large, smooth and leathery leaves. One of the finest for house culture. Price, 50c each; large plants, \$1.00 each.

GREENHOUSE and POT PLANTS for sale. If you don't see what you want on our list, write us. Our large Greenhouses at Idlewild are well filled with every class of Plants. Inspection invited.

## Vines and Climbing Plants.

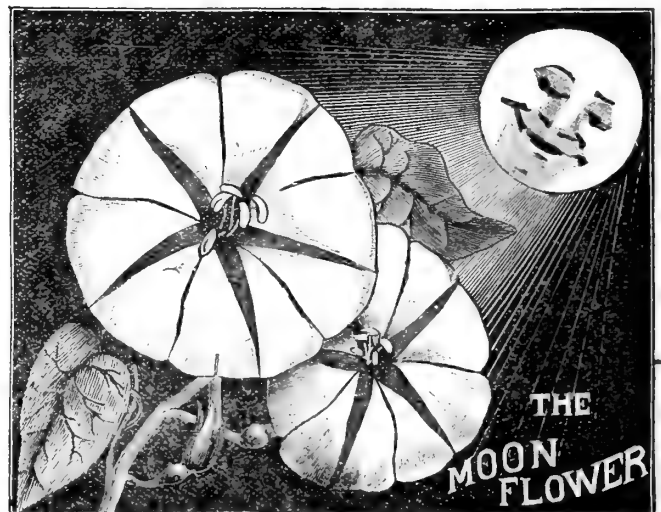


AMPELOPSIS VEITCHII.

***Ampelopsis Veitchii.***

(Japan or Boston Ivy.)

The popular climber. Now considered indispensable for covering walls and buildings; clings firmly to stone, brick and wood, or buildings of any material without assistance, and is entirely hardy. It forms a perfect robe of dark green, leathery leaves, overlapping each other like tiles, thus shielding the building from the hot sun. The foliage is dark, glossy green changing to a brilliant flaming crimson and gold at the approach of a frost. Price, each 15c; dozen \$1.25; by mail postage paid, each 25c.



MOON VINE.

***Moon Vine.***

(Impomea Grandiflora.)

The most rapid grower of all the annual climbing vines; attains a height of 40 to 60 feet; flowers beautiful white and blue; exceedingly fragrant. Each, 10c; dozen, 75c; large plants, 15c; dozen, \$1.00.

***German or Parlor Ivy.***

Very fine for hanging baskets, etc.; makes a fine house plant. Price, each 10c; dozen, 75c; large plants, 25c.



**Cobea Scandens.**

Fine for covering walls and arbors. Flowers large, bell-shaped; grows 20 to 30 feet in height. Each, 10c; dozen, 75c.



HOP VINE.

**Hop Vines.**

(Golden Cluster.)

A very choice variety, and the best for garden culture. It bears immense clusters of golden-yellow hops in great profusion, of aromatic fragrance. An exceedingly ornamental and handsome vine of rapid growth, unexcelled for covering verandas, trellises, etc., and the dried flowers are useful for home purposes. Each, 20c; 3 plants for 50c.

**Ciscus Discolor.**

A beautiful plant for hanging baskets and vases, and covering old stumps. Each, 15c; dozen, \$1.00.

**Clematis.**

(Jackmanii.)

A beautiful class of climbers; excellent for trellises, old rock work or pillars, make an excellent show. They delight in rich soil, sunny situation, and are perfectly hardy. Flowers very large, intense violet purple and free bloomer; strong plants. Price, 50c and 75c each.

**Euonymus.**

(Radicans Variegatus.)

A plant with small, glossy peagreen leaves, deeply margined with creamy white, well fitted for baskets, hardy, will climb over rock work, stumps, etc. Each, 20c; dozen, \$2.00.

**Tradiscantia.**

(Wandering Jew.)

Very fine for hanging baskets, vases, etc.

ZEBRINA.—Variegated; red and green.

LENATA.—White and green.

We have also the solid green variety.

Price, 10c each; 3 for 25c; 12 for 75c.

**English Ivy.**

Rapid grower; perfectly hardy; green all the year round. Each, 10c; dozen, 75c; large plants each, 25c.

**Thunbergia.**

(Black-Eye Sue.)

A very pretty climber; a very rapid grower; used for trellises. Each, 10c; 75c dozen.

## Floral Decorations and Cut Flowers.

To this department we give special attention. Orders by telephone or telegraph will have prompt and careful service. Flowers are properly packed to stand 24 hours or more in transit and arrive in fresh and serviceable condition. Prices range as follows:

BRIDE'S BOUQUET—Finest quality of flowers, large size .....	\$5 00 to \$10 00
BRIDE'S BOUQUET—Same quality but smaller.....	2 00 to 5 00
BRIDESMAID BOUQUETS—Usually pink roses, choicest \$4.00 to \$8.00; smaller. ....	1 50 to 3 00
BASKET OF FLOWERS—Artistically arranged; prices range from .....	3 00 to 10 00

### LOOSE CUT FLOWERS.

ROSES—Bride, Bridesmaid, La France, Catherine Mermet, Meteor, Perle DesJardines, Souv. de Wooten..\$1 50 to \$2 00 dozen  
ROSES—American Beauty, choicest blooms, \$6.00 to \$12.00 dozen; second grade. .... 3 00 to 5 00 dozen  
CALLA LILIES, \$2.50 doz. CARNATIONS, \$1.50 to \$2 doz. NARCISSUS, HYACINTHS and FREESIAS, 50 to 75c doz.

### FLORAL OFFERINGS.

We can furnish the following designs especially arranged to suit the purpose intended. Prices as follows:

In ordering state how much you wish to spend. We use the very finest flowers and guarantee satisfaction.

WREATHS, \$2.00 to \$5.00.

CROSS ON STAND, \$3.00 to \$6.00.

SICKLES, \$3.00 to \$5.00.

ANCHORS, \$2.50 to \$5.00.

GATES AJAR, large, \$10 to \$15.

CRESCENT, \$2.00 to \$5.00.

BROKEN COLUMNS, \$5.00 to \$10.

CROSSES, \$1.00 to \$5.00.

MALTESE CROSS, \$2.50 to \$5.00.

PILLOWS, \$3.00 to \$10.00.

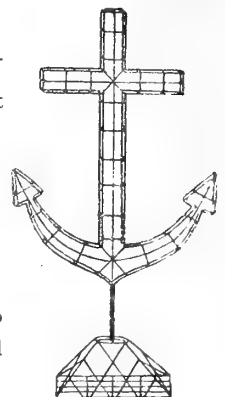
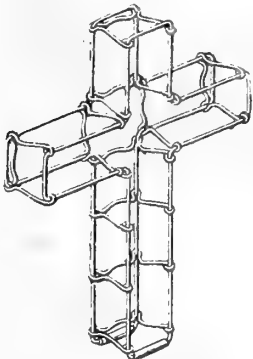
STARS, \$2.00 to \$5.00.

GATES AJAR, small, \$6.00 to \$8.00.

LYRES ON STAND, \$4 00 to \$8.00.

LOOSE CUT FLOWERS, from \$1.00 up

TABLE DECORATIONS for Receptions, Balls, etc., given prompt and careful service.



Greenhouse Telephone No. 488.

Long Distance Telephone No 219.

Address all Orders to OTTO SCHWILL & CO., 304 Front St., Memphis, Tenn.

# \$1.00 Collections of Plants, Trees and Bulbs. \$1.00

We grow only the best sort of everything in quantity. These varieties we can afford to sell below named at greatly reduced rates, but make ONE INVARIABLE CONDITION, THAT THE SELECTION OF VARIETIES BE LEFT ENTIRELY TO US.

Sets cannot be Broken or Divided, so do not ask for it. Order by Sets, just as given.

We will send any of the following collections for \$1.00, Express or Mailing charges prepaid, to your town. Six collections for \$5.00:

SET A—20 Everblooming Roses.  
 SET B—20 Assorted Bedding Plants.  
 SET C—20 Chrysanthemums.  
 SET D—20 Geraniums, assorted.  
 SET E—12 Roses and 10 Ferns.  
 SET F—10 Carnations and 10 Roses.  
 SET G—12 Geraniums and 8 Roses.  
 SET H—5 Decorative Plants and 2 Palms.  
 SET I—10 Beautiful Ferns.  
 SET J—15 Carnations.  
 SET K—20 Verbenas, assorted.  
 SET L—10 Begonias; fine.  
 SET M—20 Pansies; finest sorts.  
 SET N—10 Roses and 10 Verbenas.  
 SET O—4 Cannas and 2 Caladiums.  
 SET P—10 Coleus and 10 Dusty Millers.  
 SET Q—12 Gladiolus and 12 Tube Rose Bulbs.  
 SET R—12 Climbing Plants.

SET 20—5 Apple Trees, assorted.  
 SET 21—5 Peach Trees, assorted.  
 SET 22—3 Pear Trees, assorted.  
 SET 23—3 Plum Trees, assorted.  
 SET 24—2 Peach, 2 Apple and 1 Pear Tree.  
 SET 25—1 Pear, 1 Japanese Persimmon, 1 Hicks Mulberry.  
 SET 26—150 Strawberry Plants.  
 SET 27—100 Strawberry, 6 Raspberry, 6 Blackberry Plants.  
 SET 28—30 Raspberry Plants.  
 SET 29—30 Blackberry Plants.  
 SET 30—6 Grape Vines.  
 SET 31—2 Grape Vines, 2 Apple and 2 Peach Trees.  
 SET 32—1 Apricot, 1 cherry and 1 Quince Tree.  
 SET 33—6 Gooseberry, 10 Raspberry, 10 Blackberry Plants.  
 SET 34—40 Asparagus and 6 Rhubarb Plants.  
 SET 35—100 Cabbage, 24 Tomato and 12 Egg Plants.  
 SET 36—12 Pepper, 12 Egg, 100 Lettuce, 12 Tomato Plants.  
 SET 37—300 Bunch or Vineless Yam Potato Plants.

## SWEET PEA COLLECTION.

EVERY ONE

## A DAINY BEAUTY

AT HALF PRICE.

We will send 10 pkts of choice Sweet Peas, of all the finest sorts, each variety named separately, but OUR SELECTION, for 25 cents. We will give a full range of colors and all the large flowering varieties.

Full Cultural Directions with each Order.

## Flowers for Everybody.

### 50c Popular Collection. 50c.

Upon receipt of 50c we will send the following 20 pkts. Flower Seed, postage paid; no change made:

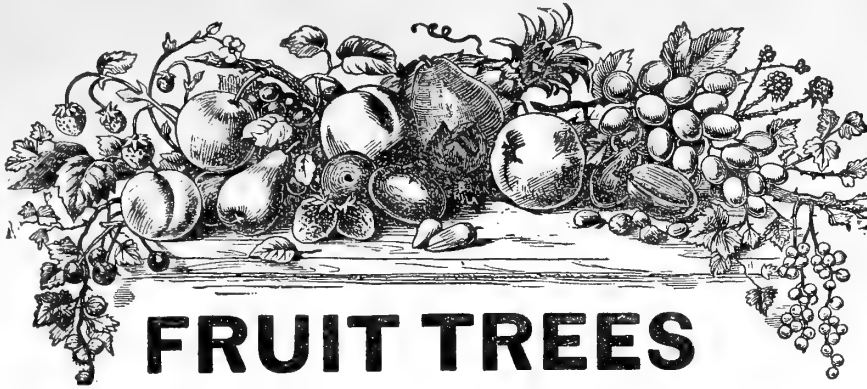
One packet each Sweet Alyssum, Aster, Balsam, Candy-tuft, Dianthus, Convolvulus, Cypress Vine, Larkspur, Gilia, Mignonette, Petunia, Pansy, Poppy, Phlox, Sweet Peas, Sweet William, Verbena, Zinnia, Dwarf Nasturtium, and Tall Nasturtium.

# \$1.00 for 25 cents

## And Five Minutes' Work.

We want the names of your neighbors who buy seeds, and if you will send us the address of TEN persons whom you can recommend as being interested in gardening or flowers we will send you the following assortment of seeds, worth \$1.00, for only 25 cents, Buncombe Collard, Eureka Cabbage, Japanese Climbing Cucumber, Bonanza Lettuce, Anne Arundel Canteloupe, Kleckley Sweets Watermelon, Improved White Velvet Okra, Mammoth Sweet Pepper, Early Surprise Radish, Improved Stone Tomato. No change or substituting will be allowed on this collection.

All of the Fruit, Shade and Ornamental Trees and all other Nursery Stock we list, are home-grown, acclimated and will succeed better than Northern grown trees.



Do not overlook our Special Low Priced Collections of Fruit Trees and Plants, on another page in this Catalogue. Remember we prepay all carrying charges on these collections.

## FRUIT TREES

### Vines and Nursery Stock of Every Description.

We are growing all of our Stock at our Nursery Grounds, and it certainly behooves every one that has an idea of buying anything in the Nursery line to get home-grown and acclimated Trees and Plants. Our customers can depend on everything being strictly first-class. You need have no fear of the trees you get from us. When buying a thing, the value of which you do not know, pick out an old established firm to trade with and trust their experience and reputation. Its the safest way. We do not handle the cheap rubbish with which the country in general is flooded, but good, healthy and thrifty trees, true to name and that will bear fruit. Our stock embraces the best old and new varieties of sterling merit, which practical experience has shown succeed best in this section. We do not list any varieties but what are suited to this climate.

Our terms are strictly cash; we will not ship any trees or plants C. O. D.

No orders for Nursery Stock taken for less than \$1.00.

If you desire to purchase large quantities of Nursery Stock send us a list of your requirements for special prices.

Respectfully yours,

OTTO SCHWILL & CO., Proprietors of the Memphis Nursery Co.

### APPLES.

Standard 2-year-old Trees, 5 to 7 feet; smooth, straight and handsome. Each, 20c; dozen, \$1.80; hundred, \$12.00. Make your own selection.

#### Summer Varieties.

**EARLY HARVEST.**—Medium to large, regular, mostly oblate, fine yellow, with numerous minute dots; flesh very tender, fine flavor. June.

**FAMILY.**—Medium, yellowish, striped and splashed with crimson. July.

**HORSE.**—Large to very large, generally irregular-conic, yellow and greenish yellow; flesh yellow, acid, fine for cooking and drying. August.

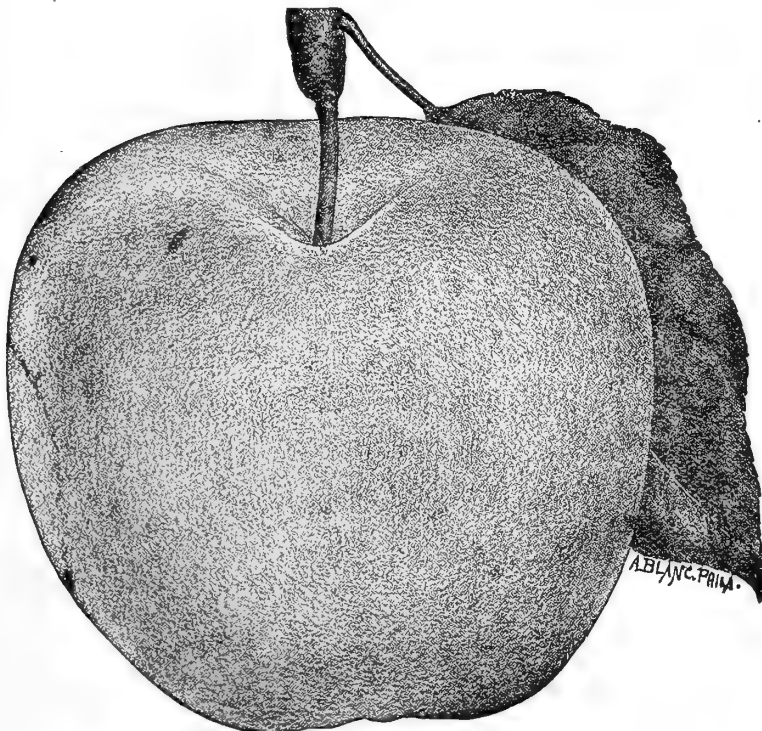
**RED JUNE.**—Medium, conic, dark crimson; flesh white, tender, fine-grained, slightly acid and moderately juicy.

**SUMMER QUEEN.**—Medium, conical, angular, yellow, striped and clouded with red; flesh yellow, firm, rich and fine-flavored. July.

**YELLOW TRANSPARENT.**—Medium to large, beautiful clear yellow when fully ripe; flesh fine-grained, juicy, rich, sub-acid. Of Russian origin.

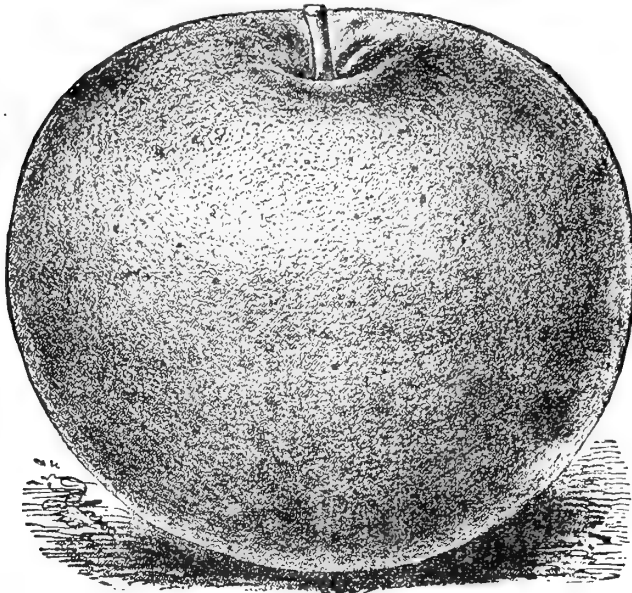
#### Autumn Varieties.

**BACHELOR.**—Large to very large, oblate, light yellow, striped with crimson; flesh yellow, tender, rich and melting. November.



YELLOW TRANSPARENT APPLE.

All our Nursery Stocks are home grown and acclimated. They are far superior to Northern grown trees



MAMMOTH BLACK TWIG

**FALL PIPPIN.**—Large to very large, globular, fine yellow, sometimes a little blushed with red; flesh yellow and firm. September to November.

**MAIDEN'S BLUSH.**—Pale yellow, with bright red cheek; flesh white, tender and juicy, with sub-acid flavor. September and October.

**ROME BEAUTY.**—Large to very large, regular and handsome, pale yellow, mingled with bright red; flesh yellow, with mild and pleasant flavor. October and November.

**YATES MAMMOTH.**—A new variety; originated here. Tree vigorous and productive; fruit large, handsome, richly striped and splashed with bright crimson; a showy apple of first quality. November.

## Winter Varieties.

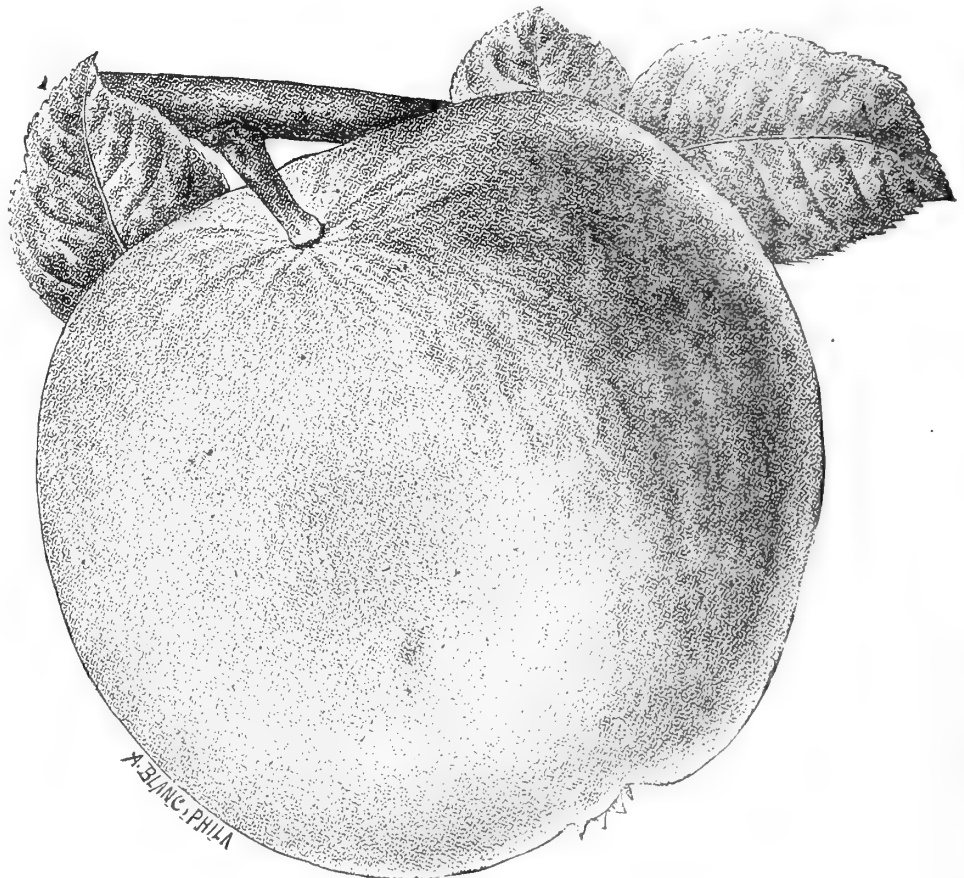
**BEN DAVIS.**—Large, greenish yellow, striped with dull red; flesh white, crisp and juicy, with sub-acid flavor. November to January.

**BLACK TWIG.**—Resembles in every way the Wine Sap, of which it is no doubt a sport, except that it is from one-third to one-half larger. Those who are aware of the value of the Wine Sap as a profitable market fruit (the only objection being its small size) will appreciate the great prize found in the advent of the Black Twig.

**KINNAIRD'S CHOICE.**—Medium to large, dark red; flesh crisp, tender and high flavored. Celebrated Tennessee winter apple. November to March.

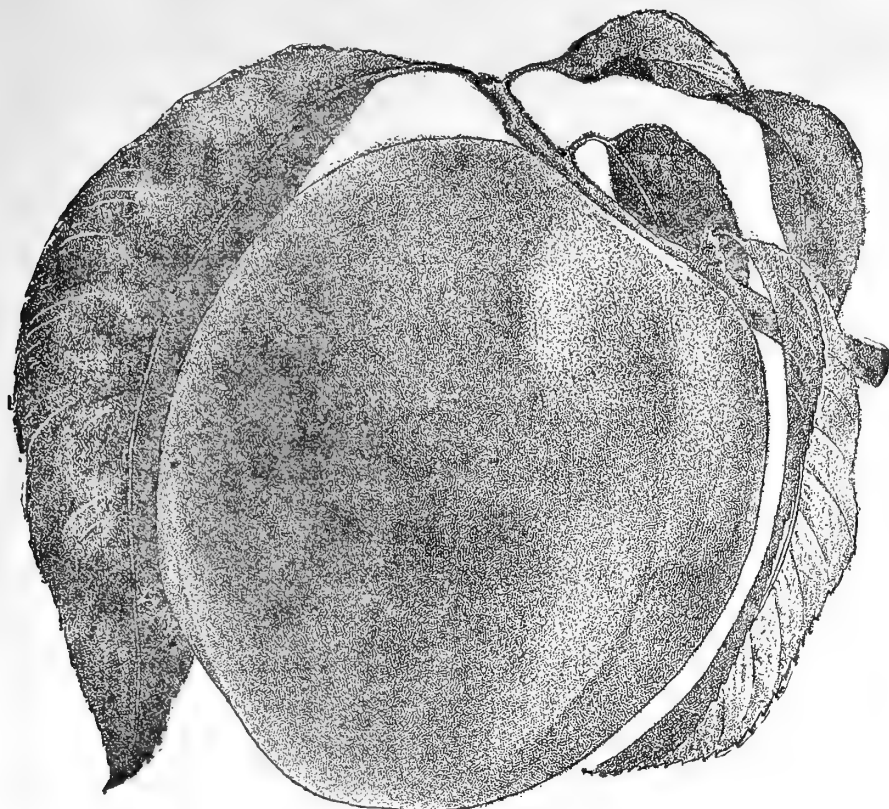
**TULL.**—The Tull Apple originated with Mr. Abram Tull, of Grant county, Ark., more than thirty years ago. From the sprout dug from the original tree several small orchards were planted, and not until within the past few years has this variety been reproduced by grafting. Fruit medium to large, green, with red stripes, resembling the Geniton, but much larger. It has a distinct, rich, sub-acid flavor, crisp and juicy. It has no superior as a cooking apple, and is a fine eating apple when sufficiently mellowed. Its chief claim is its immunity from rot and disease, and its hardihood in maturing perfectly under all the severe and trying conditions of soil and climate in the lowlands of the South. From our own knowledge of the apple, and from the uniform testimony of well-known and reliable citizens who have grown it and are now planting largely of this variety, we are forced to the belief that the Tull Apple is destined to revolutionize apple-growing in the South.

**WINE SAP.**—Medium, rich dark or red or crimson, with a few streaks on a pale yellow ground; flesh fine creamy yellow, firm, crisp and very juicy. December to April.



TULL APPLE.

**Selection of Varieties Made for those who Desire it.**—It is difficult for you to judge of the merits of the different varieties by description, and we shall at all times be pleased to make selections for any of our friends who would prefer to rely upon our judgment.



SNEED PEACH.

## PEACHES.

Standard Trees, 2 years old, 5 to 6 feet, smooth and straight. Price each, 20c; dozen, \$1.80; hundred, \$12.00. Make your own selection.

### Early Peaches.

**ALEXANDER.**—Medium to large, mingled red and yellow; tender, juicy, melting; free stone. June 1st to 15th.

**EARLY RIVERS.**—Large, creamy white, with very delicate pink cheek; very juicy and melting, with finest flavor; free stone. Last of June

**YELLOW ST. JOHN.**—Large, fine, golden yellow; very juicy, melting and finely flavored; free stone. June 15th to 20th.

**SNEED OR PEBBLES.**—For more than twenty years this excellent Peach has stood without a rival at the head of the list of fine early Peaches. It has uniformly ripened ten days to two weeks earlier than Alexander, and is a much better Peach. It is of good size for so early a Peach. When fully ripe its creamy white skin can be stripped from it with the fingers, and its flesh is exceedingly melting, juicy and delicious. It is a cling stone, and a seedling of the Chinese cling.

### Midsummer Peaches.

**CHINESE CLING.**—Very large, creamy white, sometimes with faint blush; very juicy and melting; clingstone. July.

**CRAWFORD'S EARLY.**—Large, yellow, with red cheek; melting, juicy and of good flavor; free stone. July.

**CRAWFORD'S LATE.**—Large, yellow, with dark red cheek; melting, with excellent vinous flavor; free stone. August.

**ENSLEY.**—This very fine clingstone Peach was brought from California some years ago to Col. Enoch Ensley's farm, near this city. Ever since bearing it has attracted a great deal of attention. It ripens here about the middle of August, is immensely large, yellow, tinged with crimson, and of finest flavor.

**INDIAN BLOOD.**—Large, dark crimson; flesh crimson, juicy; cling stone. August.

**OLDMIXON CLING.**—Large, yellowish white, with red cheek; flesh pale white, with high flavor; cling stone. August.

**STUMP THE WORLD.**—Very large, white, with red cheek; melting, very juicy and of fine flavor; free stone. August.

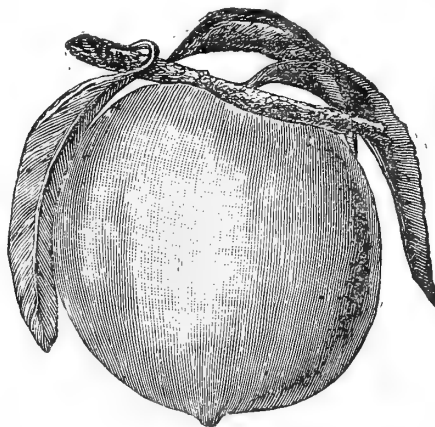
### Late Peaches.

**HEATH CLING.**—Large, pale yellow or creamy white; juicy and very sweet; cling stone. September.

**HEATH FREE.**—Resembles Heath Cling in size and color; very tender, juicy and melting; free stone. September.

**PIQUET'S LATE.**—Very large, yellow, with red cheek; flesh yellow, buttery, rich, sweet and of excellent flavor. A fine bearer and one of the most profitable late Peaches. Free stone. September.

**ELBERTA.**—Very large, golden yellow, faintly striped with red; yellowish flesh, juicy, sweet and exceeding high flavored. A perfect free stone. Commands the highest price as a market peach. July.



ELBERTA PEACH.

## INSECT POWDER.

The wonderful California Insect Exterminator, "BUHACH," is sure death to ants, roaches, fleas, mites, water bugs and every other form of bugs, insects or vermin of any sort. Sample package by mail 25 cents, postpaid. Full directions with every package.



## PEARS.

Standard 2 year old trees, 5 to 7 feet, selected stock, each 40c; dozen, \$3.60; hundred, \$25.00. Make your own selection.

**GARBER.**—Larger than Keiffer, beautiful yellow, ripens before Keiffer. Has not yet shown any disposition to blight. Beautiful in tree and fruit.

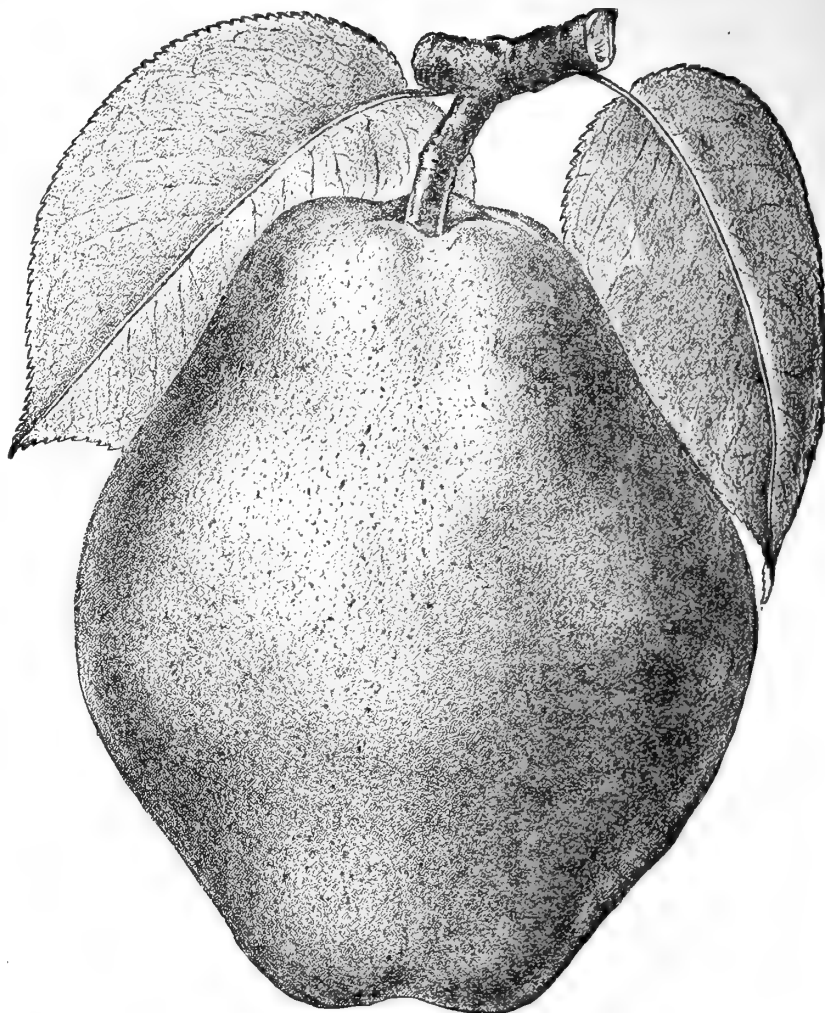
**LE CONTE.**—Large, creamy yellow, of fair quality, and succeeds well further South, where it is grown extensively. August and September.

**KOONCE.**—This is an extra early pear of recent introduction. It is of large size, and of good form and color, and is said to be free from the tendency to rot at the core, so common to early pears of large size.

**KEIFFER.**—Very large, golden yellow, tinged with red on one side; flesh firm, when fully ripe, juicy and of agreeable flavor. Remarkably free from blight. September and October.

**BARTLETT.**—Large, fine, yellow, with faint blush; flesh nearly white, exceedingly fine-grained, tender and buttery, with moderately rich flavor. August.

**DUCHESS D'ANGOULEME.**—Very large, greenish yellow, with some russet; flesh yellowish white, melting, buttery and juicy. September and October.



KEIFFER PEAR.

## PLUMS.

Select 2 year old trees, 5 to 7 feet. Each, 40c; dozen, \$3.50.

**ABUNDANCE.**—Large, oblong, nearly covered with bright red; flesh orange yellow, sweet, juicy. One of the first imported varieties, the best known and most popular Japan kind. July.

**WILD GOOSE.**—Very large and fine. Highly popular. June and July.



**BURBANK.**—Large, nearly globular, clear, cherry-red, with a thin lilac bloom; flesh a deep yellow, very sweet. Resembles Abundance in the tree and fruit, averages larger, of better quality, rather handsomer, and from two to four weeks later. August.

**WICKSON.**—This is one of the best of the recently introduced Plums of the Japanese type. The tree is a handsome grower, and the fruit is abundant and of first quality.

**WILLARD.**—Tree a vigorous grower, hardy and productive. Fruit dark red. Very early, ripening about a month before any other good plum, and on this account will prove valuable as a market fruit.

## CRAB APPLES.

Select trees. Each, 25c; dozen, \$2.40.

**HYSLOP CRAB.**—Large, growing in clusters, purplish red, covered with blue bloom. Fine for cider and for cooking.

**MARTHA CRAB.**—Large, creamy yellow, overspread with light vermilion blush. Fine for canning or preserving, and one of the very best cider apples.

**WHITNEY'S NO. 20 CRAB.**—Large; skin glossy green, striped and overspread with carmine; flesh firm and juicy, with agreeable flavor. Ornamental both in tree and fruit.

Our stock of Fruit Trees, etc., is all strictly first-class, good and strong, with whole roots—not the little twigs which the traveling nursery agent usually sends you. We ask a trial order.

**CHERRIES.**

Strong 2 year old trees. Each, 40c; dozen, \$3.50.

**WRIGHT'S MAMMOTH.**—This great Cherry comes from the neighborhood of Saulsbury, Tenn., from the farm of H. B. Wright, Esq. It is by far the largest and finest Cherry ever fruited in that section; enormously productive.

**WRIGHT'S EARLY.**—This Cherry has been bearing many years in the neighborhood of Grand Junction, Tenn. It is of large size, of excellent quality and very productive, and has proven very profitable as an early market fruit. The crop is ripe and gone before the Mammoth comes in.

**GRAPES.**

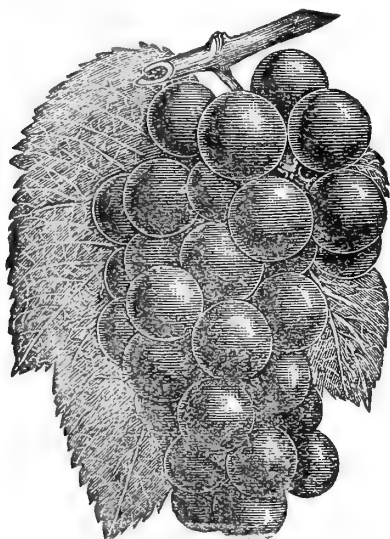
Two-year old strong vines. Each, 20c; dozen, \$2.00. Make your own selection.

**BRIGHTON.**—Large, coppery red, sweet and of best quality. June.

**CONCORD.**—Large, black, juicy, sweet when fully ripe; popular. July.

**MARTHA.**—Large, greenish yellow, very sweet and juicy. July.

**WORDEN.**—A splendid large grape of the Concord type, but earlier; larger in bunch and berry, and of decidedly better quality.



MOORE'S EARLY GRAPE.

**MOORE'S EARLY.**—Very large, black. Two weeks earlier than Concord. Fine.

**NIAGARA.**—Bunches and berries very large; very sweet. Remarkably showy and attractive. Color greenish white.

**APRICOTS.**

Standard 2 year old trees. Each, 25c; dozen, \$2.40.

**EARLY GOLDEN.**—Small, pale orange, juicy and sweet.

**RUSSIAN.**—Of best quality, ripens early; very productive.

**NECTARINES.**

Standard 2 year old trees. Each, 35c; dozen, \$3.00.

**HUNT'S TAWNY.**—Small to medium, rich and juicy.

**QUINCES.**

Strong 2 year old trees. Each, 40c; dozen \$3.50.

**ORANGE.**—Large, round, golden yellow; very fine.

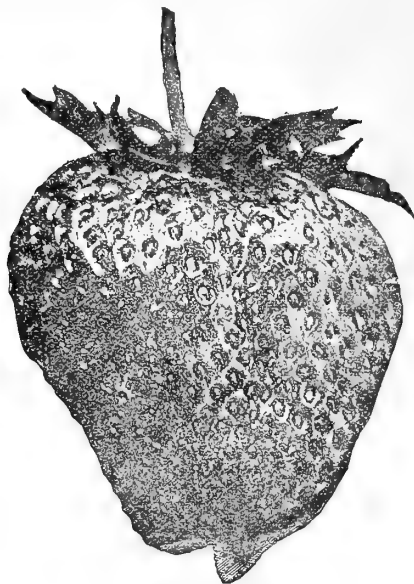
**STRAWBERRIES.**

We list only such varieties which succeed in this climate. Our plants are strong, well handled and true to name.

Varieties marked S. are staminate or perfect blossoms, and succeed if planted by themselves.

Varieties marked P. are pistillate or imperfect and should be planted with or near any one of the perfect flower sort.

Special Prices on Large Quantities.

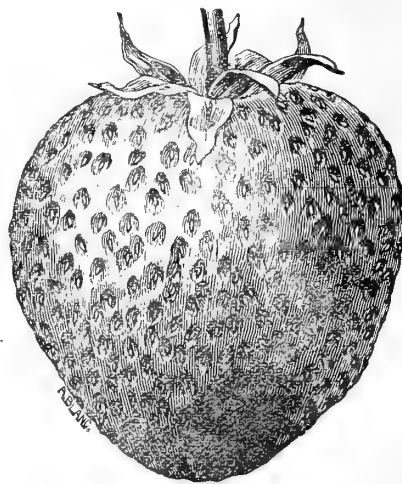


NICK OHMER.

**NICK OHMER (S.)**—The leading new Strawberry of the year. It has been on trial in the hands of some of the most experienced strawberry growers in the country and not one of them has an unfavorable word to say of it but on the contrary are full of enthusiastic praise. The berries are of the largest size, a perfect giant among strawberries; roundish-conical in form, uniform and regular, rich, glossy crimson, firm and solid, excellent in quality. In productiveness it is unsurpassed. Plants per dozen, 40c; per 100, \$1.50.

**LADY THOMPSON (S.)**—Of especial value in the South for shipping to Northern markets. Its foliage does not scald or burn in the least, whilst the plant is very productive and continues a long while in bearing. Berries large, roundish-conical, bright crimson, firm, and of fine flavor, produced in great abundance and holding their size well to the last picking. Retains its bright color and stands up well in shipment. Early.

Per 100, 50c; per 1000, \$3.00.



LADY THOMPSON.

If wanting Strawberry plants sent by mail, add to prices given above 10c per dozen and 25c per 100 for postage.

**200 Strawberry Plants**

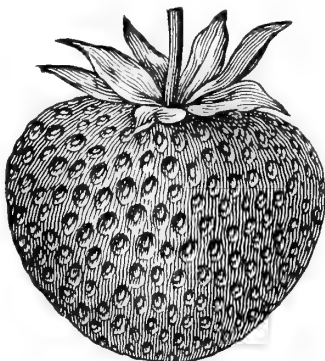
FOR \$1.25, CHARGES PREPAID, INCLUDING THREE MONTH'S SUBSCRIPTION TO "THE COTTON PLANTERS JOURNAL."



**STRAWBERRIES, Continued.**

**WILSON'S ALBANY (S.)**—Large, always regular; high flavor, subacid; prolific; vigorous grower. No variety combines more qualities. After 40 years' trial everywhere, it stands unsurpassed for market or family use. Per 100, 50c; per 1,000, \$2.50.

**MICHEL'S EARLY (S.)**—Medium, regular and globular; colors evenly, dark red; quality very good; very prolific, and ripens very early. In some sections it is the earliest of all varieties. Foliage healthy, plants robust. A valuable early variety for shipping. Per 100, 50c; per 1,000, \$2.50.

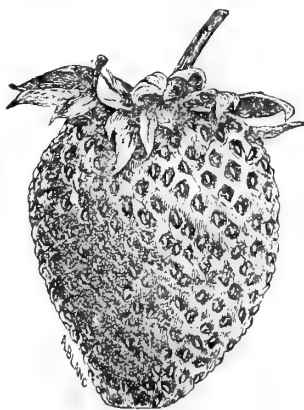


MICHEL'S EARLY.

**CODDEN QUEEN (P.)**—A grand new berry has come to stay. It is a seedling of the Wilson, having all the good qualities of its parent without inheriting any of its weaknesses. The plant is a vigorous grower and an abundant bearer; berries uniform and of a beautiful scarlet color. Is about three days earlier than the Crescent, and the last picking of the season is as large as the first of the Crescent. It is considered one of the best shipping berries yet produced. The Chicago market report quoted them in advance of all other berries last spring. Fertilize with Michel's early or any other staminate variety. Per 100, 75c; per 1,000, \$5.00.

**WARFIELD (P.)**—Its great beauty, firmness, earliness, good flavor, productiveness and vigor make it exceedingly popular. Ripens with Crescent, and is superseding that variety for a reliable market sort. Fertilize with some staminate sort. Per 100, 50c; per 1,000, \$2.50.

**TENNESSEE PROLIFIC (S.)**—Of comparatively recent introduction. The plant is vigorous and productive, and the fruit of good size, form and color; flesh firm, and a good shipper. Early and profitable as a market berry. It is being extensively planted by leading strawberry growers. Per 100, 50c; per 1,000, \$2.50.



TENNESSEE PROLIFIC.

**LOVETT'S EARLY (S.)**—A valuable berry for market. Fruit large, firm and of good quality. Plants dark green, strong growing and very productive. Per 100, 50c; per 1,000, \$3.00.

**CRESCENT (P.)**—Early, prolific; bright; excellent market; pistillate; needs Michel's Early to fertilize it. Per 100, 50c; per 1,000, \$2.50.

**BUBACH (P.)**—Very large, bright red and good bearer. Season medium to late. Plant every fourth row with some staminate variety. Per 100, 75c; per 1,000, \$3.50.

**GOOSEBERRIES.**

Strong plants. Each, 15c; dozen, \$1.25; per 100, \$6.00.  
**HOUGHTON'S.**—Medium, pale red when fully ripe; firm and sweet.

If wanting Strawberry Plants sent by mail, add to prices given above 10c per dozen and 25c per 100 for postage.

**BLACKBERRIES.**

Strong plants. Each, 10c; dozen, 50c; 100, \$2.50.

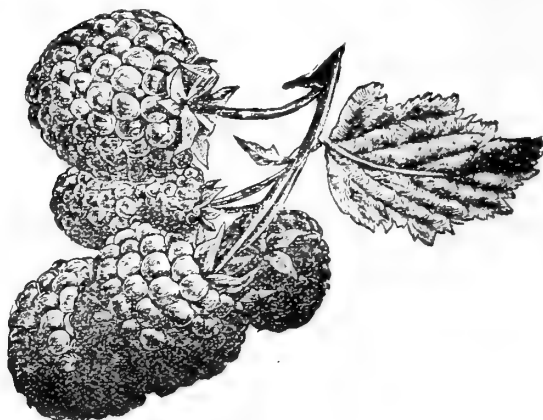
**EARLY HARVEST.**—One of the earliest good varieties in cultivation; of compact growth, splendid quality and a good shipper.

**SNYDER.**—Extremely hardy, enormously productive, medium size, sweet and juicy. Early.

**RASPBERRIES.**

Strong plants. Each, 10c; dozen, 50c; 100, \$2.50.

**CUTHBERT.**—Large, deep red and of fine flavor; very hardy; does well in the South. Thornless.



GREGG RASPBERRY.

**GREGG.**—Very large, black; yields heavy crops; fine; ships well.

**TURNER.**—Medium red; a great bearer; one of the best market sorts. Thornless.

**CURRENTS.**

Each 15c; dozen, \$1.00.

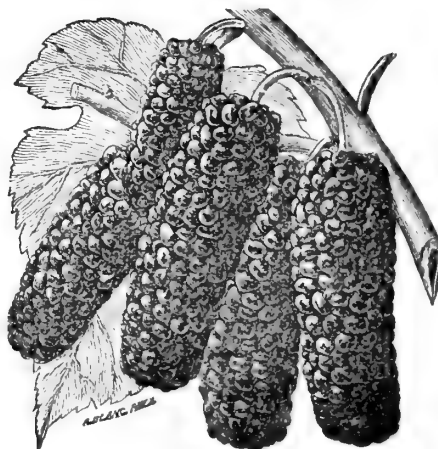
**CHERRY.**—Large, deep-red, acid. Extensively grown.

**RED DUTCH.**—Medium to large, deep-red; fine.

**MULBERRIES.**

Each, 35c; dozen, \$3.00.

**HICK'S EVER-BEARING.**—Produces immense crops. Should be extensively planted for poultry and hogs.



HICK'S MULBERRY.

Note Prices all through this Catalogue. We have made them all extremely low this season,

## JAPANESE PERSIMMONS.

We have three of the best varieties of this excellent fruit, which succeed well in this section. Price, strong trees each, 50c; dozen, \$5.00.

### FIGS.

Each, 35c; dozen, \$3.00.

**BROWN TURKEY.**—The most reliable for open field culture; medium size, very sweet, prolific and hardy.

**CELESTIAL.**—Very large, violet, good and productive.

## NUT TREES.

**ALMONDS, SULTANA SOFTSHELL.**—A standard and popular market variety. Each, 50c; dozen, \$5.00.

**PECANS.**—Selected Texas Pecans, large nutmeg shape, thinnest shell, best quality. Each, 75c.

**ENGLISH WALNUTS.**—The most desirable of this class; thin shelled. Each, 50c.

**SPANISH SWEET CHESTNUTS.**—Yield very large nuts, sweet and productive. Each, 75c.

## SHADE AND ORNAMENTAL TREES.

Good strong, well-developed trees. Price each, 75c to \$1.00, according to size.

**SILVER-LEAVED MAPLE.**  
---Tree of rapid growth; easily transplanted; is in great demand for planting on streets or in parks.

**SUGAR OR ROCK MAPLE.**  
---Very hardy and makes dense shade; tree grows in elegant pyramidal shape; no better shade tree, though of rather slow growth.

**AMERICAN LINDEN.**---A tree of rapid growth, with round head and luxuriant foliage, producing yellow flowers in profusion.

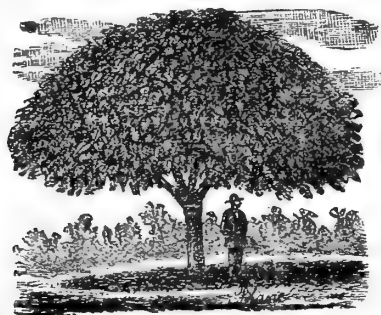
**MAGNOLIA ACUMINATA.**  
---A fine, rapid growing tree, with very large leaves; flowers large yellow, tinged with bluish purple.

**TEA'S WEEPING RUSSIAN MULBERRY.**---Hardy, most graceful, with its long, slender branches drooping to the ground.

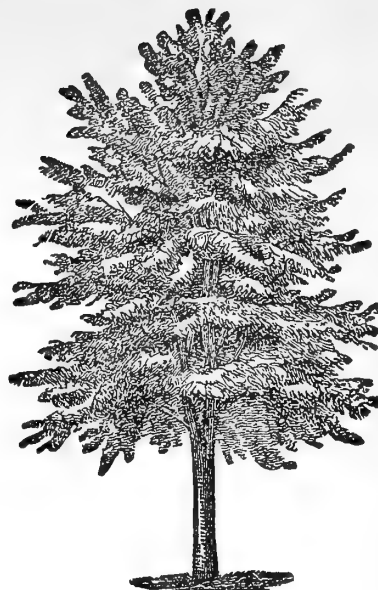
**TEXAS UMBRELLA CHINA.**---A most remarkable tree, of low, dense spreading growth; foliage deep green. Admirable for the South.



CAROLINA POPLAR.



TEXAS UMBRELLA CHINA TREE.



SILVER MAPLE.

**DOUBLE FLOWERING PEACH.**---White and red; Camelia-shaped flowers, very double; produced in greatest profusion.

**CAROLINA POPLAR.**---Of very rapid growth, with large, deep-green, glossy leaves; bears transplanting better than most other trees. Very much in demand.

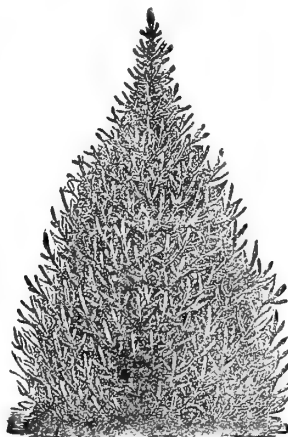
## EVERGREEN TREES.

Prices, 75c to \$1.00 each, according to size.

**NORWAY SPRUCE.**---One of the most popular evergreens. The tree is of excellent shape, a desirable Christmas tree.

**PYRAMIDAL ARBOR VITÆ.**---Of very compact habit, growing to a beautiful cone; foliage dense, deep green.

**HEMLOCK SPRUCE.**---Very graceful, foliage delicate light green.



NORWAY SPRUCE.



IRISH JUNIPER.

**AMERICAN ARBOR VITÆ.**---Regular and conical in habit of growth; valuable for screens and hedges.

**GOLDEN ARBOR VITÆ.**---Has elegant golden-tinted foliage, and its form is very compact and symmetrical.

**IRISH JUNIPER.**---Very erect, compact and dense. The most popular Juniper.

**LAWSON'S CYPRESS.**---Does well in the Southern States. While its form is usually pyramidal, entirely free from all appearance of stiffness or rigidity. The foliage is deep green.

**EVERGREEN TREES, Continued.**

**WHITE PINE.**---Very ornamental, with its light silvery green foliage. Succeeds on nearly all soils.

**MAGNOLIA GRANDIFLORA.**---The grandest of all Southern evergreens, and there is no tree that excels the magnolia in regal grandeur when its immense white blooms are gleaming from among its large, lustrous, green leaves.

**TREE BOX.**---A large evergreen shrub, with dense, deep green foliage; makes the most compact evergreen hedge.

**CLIMBING PLANTS.**

Price, 25 to 35c each, according to size.

**VIRGINIA CREEPER OR AMERICAN IVY.**---Of rapid growth, hardy. Fine for covering walls and fences.

**SCARLET TRUMPET HONEYSUCKLE.**---Rapid grower. Bright red trumpet-shaped flowers.

**CHINESE EVERGREEN HONEYSUCKLE.**---Nearly evergreen, retaining its foliage well toward spring. Flowers, crimson and yellow.

**AMERICAN BLUE WISTARIA.**---A very strong grower, producing in great abundance clusters of pale blue flowers.

**CHINESE WHITE WISTARIA.**---A superb variety, with larger and lighter green foliage than the American Blue. Pure white flowers.

**HOP VINES.**---Both ornamental and useful; rapid grower. Plants each, 25c.

**DECIDUOUS ORNAMENTAL SHRUBS.**

Prices, 35 to 50c each, according to size.

**CALYCANTHUS.**---Chocolate colored blooms; wood and flowers have peculiar fragrance.

**HARDY ORANGE.**---Blooms pure white; fruit showy, armed with strong thorns and make very fine ornamental hedge.

**DEUTZIA CRENATA.**---Double, white flowers, with faint pink tinge.

**DEUTZIA GRACILIS.**---Of dwarf habit; flowers pure white; very desirable.

**GOLDEN BELL (FORSYTHIA).**---Leaves and bark of greenish color, flowers yellow in spring.

**HYDRANGEA PANICULATA GRANDIFLORA.**---Of compact, bushy growth; flowers in large panicles, white, changing to pink and copper; beautiful.

**ALTHEA.**---Double, purple; beautiful, popular.

**ALTHEA.**---Double, white; very double and fine.

**ALTHEA.**---Double, red; very double; fine red.

**SPIRÆA VAN HOUTII.**---Free bloomer. Flowers pure white.

**SPIRÆA REEVESII.**---Showy, ornamental. Flowers in pure white umbels.

**SNOWBALL.**---Well-known shrub. Flowers in balls of pure white.

**WEIGELA AMABILIS.**---Beautiful rose-colored flowers.

**JAPAN QUINCE.**---Flowers bright scarlet, in great profusion; a very desirable shrub.

**COMMON LILAC.**---A well-known shrub, with blueish purple flowers.

**CALIFORNIA PRIVET.**---A strong growing pyramidal shrub, with bright green leaves and white flowers. A most desirable hedge plant, can be pruned to any desired shape, succeeds anywhere. Plants, 10c each; per 100, \$7.00.

**CRAPE MYRTLE.**---The well-known flowering plant and shrub, very showy in summer and fall. Crimson and white. Plants each, 50c; per dozen, \$5.00.

**WE PAY THE FREIGHT.**

*Upon receipt of price we will send the following collections of FRUIT TREES, GRAPE VINES AND PLANTS. Express or freight charges prepaid.*

**\$10.00. Schwill's Triumph Collection. \$10.00.**

- |                             |                                |
|-----------------------------|--------------------------------|
| 5 Apples, Summer Queen.     | 1 Pear, Garber.                |
| 5 Apples, Red June.         | 1 Crab Apple, Martha           |
| 5 Apples, Tull.             | 2 Grapes, Worden.              |
| 5 Apples, Yel. Transparent. | 1 Grape, Moore's Early.        |
| 5 Peaches, Elberta.         | 2 Grapes, Concord.             |
| 5 Peaches, Crawford's Late. | 12 Blackberry, Early Harvest.  |
| 5 Peaches, Early Rivers.    | 12 Raspberry, Gregg.           |
| 5 Peaches, Chinese Cling.   | 200 Strawberry, Michell Early. |
| 1 Pear, Early Harvest.      | 1 Plum, Wild Goose.            |
| 1 Pear, Keiffer.            | 1 Cherry, Wright's Early.      |
|                             | 1 Mulberry, Hicks.             |

No changes will be allowed in this collection.

**\$5.00. Schwill's Bluff City Collection. \$5.00.**

- |                            |                             |
|----------------------------|-----------------------------|
| 2 Apple, Early Harvest.    | 1 Pear, Bartlett.           |
| 2 Apple, Red June.         | 1 Pear, Keiffer.            |
| 1 Apple, Yel. Transparent. | 1 Plum, Wild Goose.         |
| 2 Apple, Black Twig.       | 1 Cherry, Wright's Early.   |
| 2 Apple, Tull.             | 1 Grape, Perkins,           |
| 1 Peach, Indian Blood.     | 1 Grape, Moore's Early.     |
| 1 Peach, Early Rivers.     | 1 Grape, Concord.           |
| 1 Peach, Elberta.          | 100 Strawberry, Michell Ea. |
| 1 Peach, Old Mixon Cling.  | 12 Blackberry, Ea. Harvest. |
| 1 Peach, Ensley.           | 12 Raspberry, Gregg.        |

1 Peach, Crawford's Early.

No changes will be allowed in this collection.

**\$2.00. Schwill's Memphi Collection. \$2.00.**

- |                            |                         |
|----------------------------|-------------------------|
| 1 Apple, Red June.         | 1 Peach, Heath Cling.   |
| 1 Apple, Yel. Transparent. | 1 Pear, Keiffer.        |
| 1 Apple, Tull.             | 1 Plum, Wild Goose.     |
| 1 Peach, Ensley.           | 1 Grape, Moore's Early. |
| 1 Peach, Elberta.          | 1 Grape, Concord.       |
|                            | 6 Raspberry, Gregg.     |

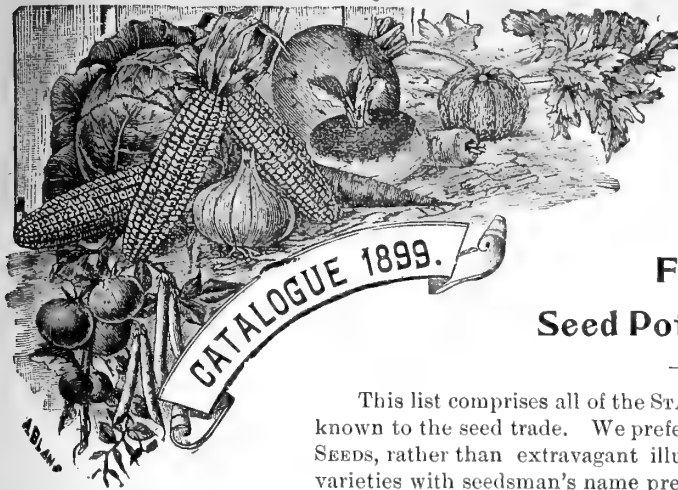
No change will be made in above assortment.

**WITH THE FOLLOWING WE SEND THE  
Cotton Planters Journal for 3 Months.  
For \$1.25**

We send any of the following sets, all charges prepaid and the Cotton Planters Journal free for Three Months.

- Set No. 1---6 Apple trees, different varieties.  
Set No. 2---6 Peach trees, different varieties.  
Set No. 3---3 Apples and 3 peach trees.  
Set No. 4---3 Pear trees, different varieties.  
Set No. 5---6 Grape vines, all different.  
Set No. 6---200 Strawberry plants.  
Set No. 7---40 Raspberry plants.  
Set No. 8---40 Blackberry plants.  
Set No. 9---100 Strawberries, 6 Raspberry and 6 Blackberries.  
Set No. 10---2 Pear and 2 Peach trees.  
Set No. 11---2 Peach, 2 Apple and 1 Pear tree.  
Set No. 12---2 Apple and 2 Pear trees.  
Set No. 13---1 Quince, 1 Plum, 1 Cherry and 1 Peach tree.  
Set No. 14---2 each Apple, Pear and Apricot trees.  
Set No. 15---50 Asparagus and 6 Rhubarb roots.  
Set No. 16---3 Grape vines, 2 Apple and 2 Peach trees.

Any of the above sets alone retail for more than \$1.25, and besides we give you the COTTON PLANTERS JOURNAL free for three months. Remember we pay the express charges on all the above collections. Selection of varieties must be as above.



## Vegetable, Flower, Grass and Field

# SEEDS

**Fertilizers, Poultry Supplies,  
Seed Potatoes, Insectides and Garden Tools.**

This list comprises all of the **STANDARD VARIETIES** as well as all **NOVELTIES OF REAL MERIT** known to the seed trade. We prefer **ACCURATE DESCRIPTIONS, HONEST VALUES** and **SUPERIOR SEEDS**, rather than extravagant illustrations, overdrawn descriptions, double prices for old varieties with seedsman's name prefixed, and seeds of doubtful quality.

**OUR PRICES** on Vegetable and Flower Seeds given here include postage or free delivery, except on Peas, Beans, Corn, Grass, Clover Seed and Onion Sets. For cost of mailing those see remarks under their respective headings. Market gardeners or large planters of seeds requiring large quantities are invited to write for our special prices. In writing please state what quantities you want. Submit your list, we can sell you good seed as low as any one.

**All Vegetable Seeds in this Catalogue are sold at 5c per packet, 3 packets for 10c, 8 packets for 25c, your own selection, unless otherwise noted. Packets all well filled with the best high grade stock.**

### ASPARAGUS.

One ounce of seed will produce 200 roots and sow about 50 feet of drill; 5 pounds will plant an acre.

**Conover's Colossal.** A large and rapid grower. Oz. 10c,  $\frac{1}{4}$  lb. 25c, 1 lb. 60c.

**Palmetto.** An improved variety, vigorous grower, large stalks. Oz. 10c,  $\frac{1}{4}$  lb. 35c, 1 lb. \$1.25.

For Asparagus Roots see index for page.

### ARTICHOKES.

One ounce of French Globe Artichoke will sow 100 feet of drill and produce about 500 plants. Jerusalem Artichokes are propagated only from the tubers.

**Culture.** Sow seed of French Artichokes in Spring, in rich, light, loamy soil, and in drills about 10 inches apart. Transplant the next Spring in permanent rows 4 feet apart, setting the plants 18 inches apart in the rows. Only the large, succulent flower-buds are used. They are prepared like Asparagus.

**Green Globe French.** The very best variety; buds large, thick and fleshy. Packet 5c, oz. 30c, 2 oz. 50c,  $\frac{1}{4}$  lb. \$1.00.

For Jerusalem Artichokes for hogs, see index for page.

### BEANS.

**Bush, Dwarf or Snap.**

One quart to 100 feet drill;  $1\frac{1}{2}$  bushels to the acre, in drills.

Plant when all danger of frost is over. Drop the bean two or three inches apart, in rows standing eighteen inches to two feet apart. Hoe often, but never when the vines are

wet, or they will rust, drawing the earth slightly toward them, and at least once before they blossom sow land plaster upon them. As they require but six to eight weeks to make green pods they can be sown as late as September 1.

#### Green Podded Varieties.

**Early Mohawk Six Weeks.** Very early and extremely hardy, pods long and fleshy. Pint 10c, quart 20c, 4 quarts 75c, peck \$1.25, bushel \$4.00. By mail, pint 20c, quart 35c.

**Early Long Yellow Six Weeks.** Extra early, productive and of good quality. Pint 10c, quart 20c, 4 quarts 75c, peck \$1.25. By mail, pint 20c, quart 35c.

**Improved Extra Early Round Pod Valentine.** (Sealed stock.) Productive, round, fleshy pods, brittle and tender. The best for main crop for market gardener or general family use. Our stock of this popular bean is the true round pod. Pint 10c, quart 20c, 4 quarts 75c, peck \$1.40, bushel \$4.50. By mail, pint 15c, quart 35c.

**Improved Extra Early Refuge.** One of the finest, being extra early and hardy, immense yielder. Pint 10c, quart 20c, 4 quarts 75c. By mail, pint 20c, quart 35c.

**Best of All.** A fine variety, bearing pods some 6 inches long, which are of a rich flavor, fleshy, very productive. Pint 10c, quart 20c, 4 quarts 75c. By mail, pint 20c, qt. 35c.

**White Bunch Navy Bean.** A standard sort for field culture, very productive. Quart 20c, peck \$1.25, bushel \$4.50. By mail, quart 35c.

**GARDEN BEANS** of all sorts are very scarce this season. Crops in all sections being extremely short and prices will rule high, however write us when you get ready to buy and we will make you the lowest possible price.

## SEEDS GIVEN AWAY.

Specialties have been first sent out in this way, by which means they were tried in all sections of the country. We shall follow the same plan in the future, and have again put up several thousand packages of a number of valuable varieties in both Vegetables and flowers, and shall add one or more packages **free of charge** to all orders of \$1.00 or over. This however does not apply to any of the collections in this Catalogue.





**Burpee Stringless Green Pod Bush Bean.** The only stringless green pod bush bean in cultivation. The pods are longer than Valentine, very fleshy, crisp, tender, and never stringy. Ripens five days earlier than the Valentine, and from tests made the past season withstands light frosts, while all other sorts were entirely killed.  $\frac{1}{2}$  pint 10c, pint 15c, quart 30c, 4 quarts \$1.00, peck \$1.75. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 45c.

#### WAX OR YELLOW PODDED VARIETIES.

(Dwarf or Bush.)

**Saddle Back Wax Bean.** Unequaled by any other wax bean in cultivation, a profuse bearer, pods are long, round, fleshy and absolutely stringless.  $\frac{1}{2}$  pint 10c, pint 15c, quarts 25c, 4 quarts 75c. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 40c.

**Dwarf German or Black Wax.** Very early and prolific pods round, full, stringless and of fine quality. Pint 10c, quart 20c, 4 quarts 75c. By mail, pint 30c, quart 35c.

#### Discounts on Seeds in Papers.

On all Garden and Flower Seeds, with the exception of Peas, Beans and Corn, priced in this Catalogue at 5 cents per packet, we make discounts as follows. Make your own assortment. Postage paid to any address:

Three packets for 10c. Eight packets for 25c.

Seventeen packets for 50c. \* Thirty-five packets \$1.00.

On all packets and ounce papers priced in Catalogue at 10c, discounts as follows. Make your selection. Postage paid to any address:

3 packets for 25c. 7 packets for 50c. 15 packets \$1.00.

**Curries Rust Proof Wax.** Very hardy and prolific, free from rust, flat yellow pods, brittle and tender. Pint 10c, quart 20c, 4 qts. 75c. By mail, pint 20c, quart 35c.

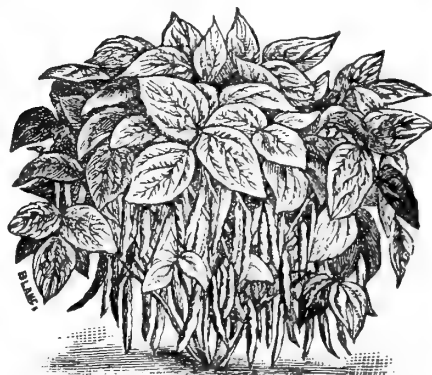
**Davis Wax.** A new and distinct variety, very handsome, golden yellow pods, very tender and of fine flavor. Pint 15c, quart 25c, 4 quarts 75c. By mail, pint, 25c, quart 40c.

**Improved Golden Wax.** Very early, golden pods, long and stringless, free from rust. Pint 10c, qt. 20c, 4 qts. 75c. By mail, pint 20c, quart 35c.

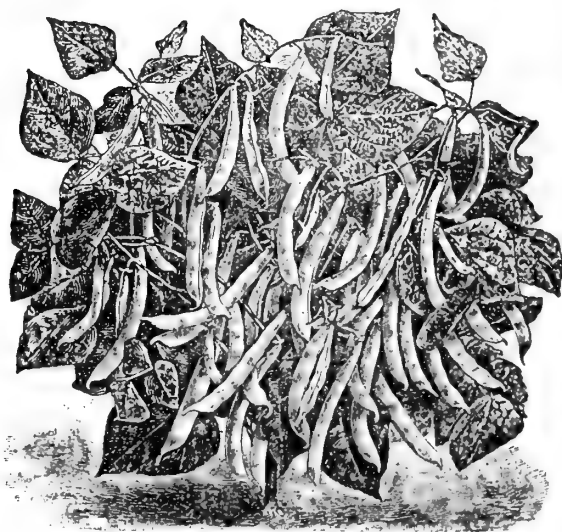
**New Lima Wax.** New, very broad flat pods, glossy lemon wax color, fine flavor, very productive, excellent either as a snap or shell bean.  $\frac{1}{2}$  pint 10c, pint 15c, quart 25c, 4 quarts 75c. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 40c.

**Flageolet Wax.** Pods very large and succulent; one of the earliest varieties of all the wax beans and exceedingly productive, remarkably free from rust.  $\frac{1}{2}$  pint 10c, pint 15c, quart 25c, 4 quarts 75c. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, qt. 40c.

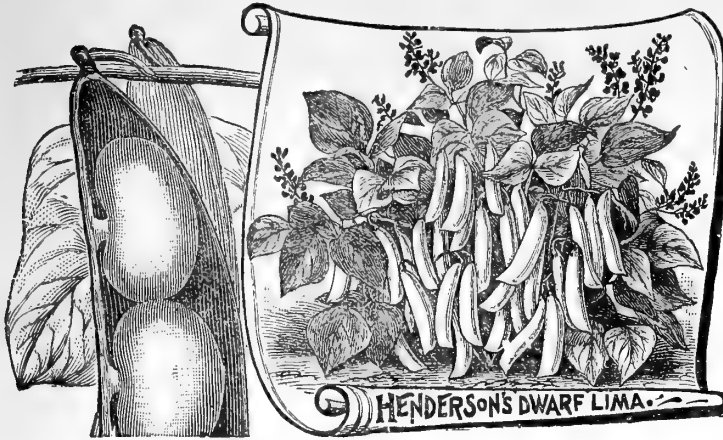
*Remember if Beans are wanted by mail add 15c per Quart and 10c per Pint to Catalogue Prices for Postage.*



DWARF GERMAN OR BLACK WAX BEANS.



SADDLEBACK WAX BEAN.

**DWARF OR BUSH LIMA BEANS.**

**Henderson's Dwarf or Bush Lima.** The most satisfactory of all the bunch Lima beans, grows without the aid of stakes, in compact bush form, to eighteen inches high.  $\frac{1}{2}$  pt. 10c, pint 15c, quart 25c, 4 quarts 85c. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 40c.

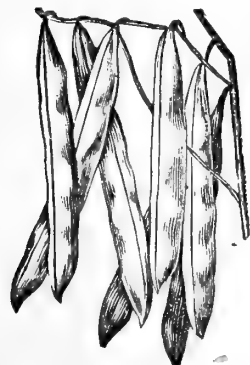
**Jackson Wonder Dwarf Lima.** A prolific strain of the speckled sieve or small Lima, of established bush character and real merit.  $\frac{1}{2}$  pint 10c, pint 20c, quart 35c. By mail,  $\frac{1}{2}$  pint 15c, pint 30c, quart 50c.

**POLE OR RUNNING BEANS.**

One quart will plant about one hundred and fifty hills.

These require more care than the bush bean, and should not be planted until two weeks later, as they stand in much more danger from the frosts. Plant in hills, from five to six seeds in each, about two inches deep. The hills should be about four feet apart.

**Kentucky Wonder or Old Homestead.** Splendid variety; vine vigorous, pods green, very long, often reaching nine or ten inches, nearly round when young, and very crisp.  $\frac{1}{2}$  pint 10c, pint 15c, quart 30c, 4 quarts \$1.00, peck \$1.90. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 45c.



SOUTHERN CREASEBACK.

**Southern or White Creaseback.** An extremely early green pod bean which cannot be praised too highly. The long pods are produced all over the vine in clusters of from four to twelve; perfectly round, with a crease in the back, very fleshy and of fine quality.  $\frac{1}{2}$  pint 10c, pint 15c, quart 30c, 4 qts. \$1.00, peck \$1.90. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 45c.

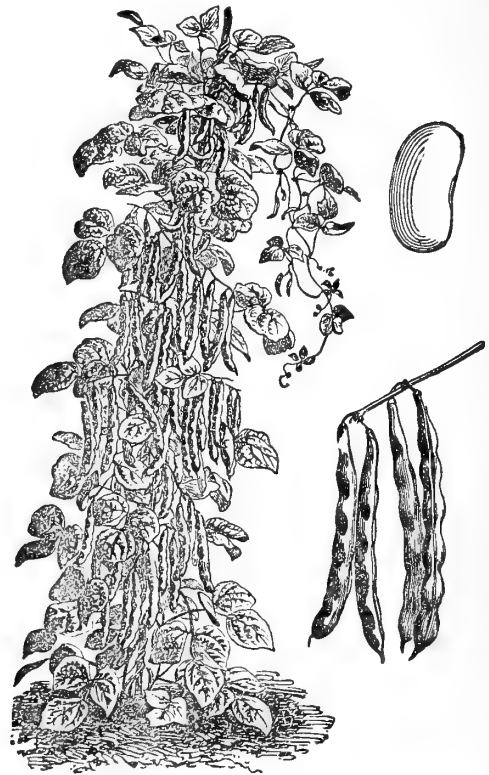
**Lazy Wife's Pole Bean.** Pods of medium dark green color, broad, thick and very fleshy and retain their rich, tender qualities until nearly ripe.  $\frac{1}{2}$  pint 10c, pint 15c, quart 30c, 4 qts. \$1.00, peck \$1.90. By mail,  $\frac{1}{2}$  pt. 15c, pint 25c, qt. 45c.

**Red Speckled Cut-Short, Corn Hill Pole.** This is a climbing green podded bean, used in the South for planting to corn. It is very productive, pods green, half-round and succulent.  $\frac{1}{2}$  pint 10c, pint 15c, quart 30c, 4 quarts \$1.00. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 45c.

**Horticultural, or Speckled Cranberry; the Old "Bird Egg" Bean.** Round, speckled, tender for snap beans.  $\frac{1}{2}$  pint 10c, pint 15c, quart 30c, 4 qts. \$1.00. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 45c.

**Southern Prolific.** Pods brittle and tender. It is one of the most popular beans in the Southern States.  $\frac{1}{2}$  pint 10c, pint 15c, quart 25c, 4 qts. 90c. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 40c.

**Golden Cluster Pole Wax Bean.** The earliest pole wax variety, entirely stringless, very tender, and of delicious flavor.  $\frac{1}{2}$  pint 10c, pint 15c, quart 25c, 4 quarts 85c. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 40c.



KENTUCKY WONDER POLE BEAN.

We sell large packets of all varieties Bush and Pole Beans at 5c or 3 packets for 10c, postage paid.

**Shopping by Mail.**

There has been an enormous growth of the mail order business in the last few years. There are some who have not tried it. We make a specialty of this class of business, and now have regular customers living 500 or 1,000 miles away who order every year from us. Send us your orders. We as honestly and as liberally treat our patrons as if they were purchasing from us in person over our counters. No seedsman in the country has better facilities than ourselves for the careful and prompt filling and shipping of orders.

JUST TELL THEM THAT YOU SAW ME  
AND THAT

**\$1 ONE DOLLAR \$1**

Will buy this BARGAIN LIST in **STRAWBERRY PLANTS**—Express prepaid to your town

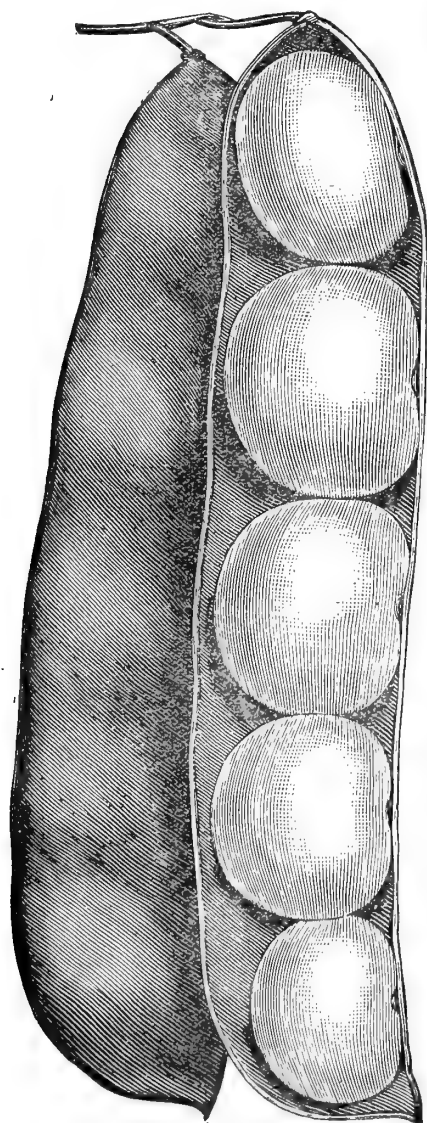
20 plants Bubach.	20 plants Lady Thompson.
20 plants Michell's Early.	20 plants Tennessee Prolific.
20 plants Crescent.	20 plants Lovett's Early.

Besides we will add to above list 12 plants Cobden Queen, the finest new variety ever offered to the public and should be in every garden.

**Pole Lima Beans.**

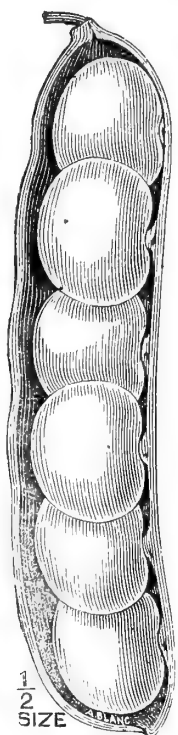
**Ford's Mammoth Podded Lima.** This is, without exception, the largest podded and most productive of all Lima Beans. The pods usually contain five to seven beans of most excellent quality for using either in the green or dry state. The vines grow vigorously, setting the beans early at the bottom of the pole, and continuing bearing until frost.  $\frac{1}{2}$  pint 10c, pint 15c, quart 30c, 4 quarts \$1.00. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 45c.

**Carolina, or Sewee.** This variety is similar to the Lima, growing fully as strong, but producing beans half the size. As a market variety it is much more desirable, being more productive.  $\frac{1}{2}$  pint 10c, pint 15c, quart 30c, 4 quarts \$1.00. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 45c.



FORD'S MAMMOTH PODDED LIMA.

tiful scarlet flowers, grown principally for ornament. Per packet 5c,  $\frac{1}{2}$  pint 15c, post paid.



KING OF THE GARDEN LIMA.

**Extra Large White Lima.**

The old well-known sort, pods borne in clusters, beans large, greenish white, flat. Our stock of this standard variety is extra selected.  $\frac{1}{2}$  pint 10c, pint 15c, qt. 30c, 4 qts. \$1.00. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, qt. 45c.

**Willow Leaf Lima.** Foliage resembles that of a willow tree, hence its name. A more productive variety never grew, bears until frost beans medium size, excellent flavor.  $\frac{1}{2}$  pint 10c, pint 20c, qt. 35c. By mail,  $\frac{1}{2}$  pint 15c, pint 30c, quart 50c.

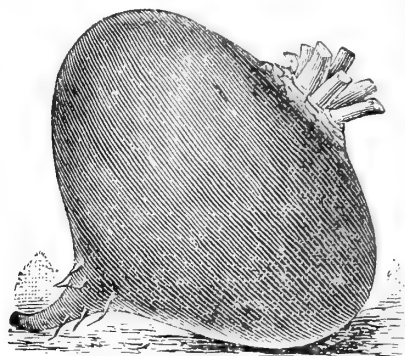
**Scarlet Runner.** Produces clusters of beau-

**King of Garden Lima.** Early, excellent quality, very large pods; one of the best for market. The most prolific bearer of all the Lima family.  $\frac{1}{2}$  pint 10c, pint 15c, quart 30c, 4 quarts \$1.00. By mail,  $\frac{1}{2}$  pint 15c, pint 25c, quart 45c.

**BEETS.**

One ounce to fifty feet drill; four to five pounds to the acre in drills.

Beets require a deep, rich and mellow soil. Drop about one inch deep, in drills twelve to eighteen inches apart. Thin to six and twelve inches, and hoe often until the tops cover the ground. In dry weather it is a good idea to soak the seed before planting.



IMPROVED EGYPTIAN BEET.

**Early Eclipse Beet.** A fine market variety, globe shaped, blood red, smooth and of fine quality. Oz. 10c, 2 oz. 15c,  $\frac{1}{2}$  lb. 20c, 1 lb. 60c.

**Improved Dark Red Egyptian.** An improvement by selection of the old standard variety, Early Egyptian being somewhat thicker, color deepest red, almost black. If you want the best beet for bunching for early market do not fail to plant this stock. Oz. 10c, 2 oz. 15c,  $\frac{1}{2}$  lb. 25c, 1 lb. 75c.

**Early Blood Turnip.** The standard sort, blood red, turnip-shaped and very tender. Oz. 10c, 2 oz. 15c,  $\frac{1}{2}$  lb. 20c, 1 lb. 50c.

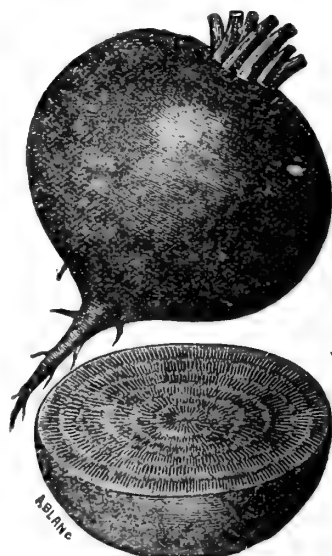
**Extra Early or Basano.** Roots light red, turnip-shaped, flesh tender and juicy, and boils white. Oz. 10c, 2 oz. 15c,  $\frac{1}{2}$  lb. 20c, 1 lb. 50c.

**Extra Early Dark Red Egyptian.** One of the earliest, very deep red, tender and delicious; the leading market sort and best for forcing. Oz. 10c, 2 oz. 15c,  $\frac{1}{2}$  lb. 20c, 1 lb. 60c.

**Edmand's Early Blood Turnip.** Of good form, round, with only one single, small tap root. The flesh is of a deep blood red color. Oz. 10c, 2 oz. 15c,  $\frac{1}{2}$  lb. 20c, 1 lb. 60c.

**Improved Early Eclipse.** New, upright-growing tops, with few leaves and small neck, firm-fleshed and perfectly shaped roots, with dark red, tender, crisp, sweet flesh, make this an ideal early and general market sort. Packet 10c, oz. 15c, 2 oz. 20c,  $\frac{1}{2}$  lb. 30c, 1 lb. 85c.

**Perfection Half Long Blood.** Of half long shape and of very dark red color. Oz. 10c, 2 oz. 15c,  $\frac{1}{2}$  lb. 20c, 1 lb. 70c.

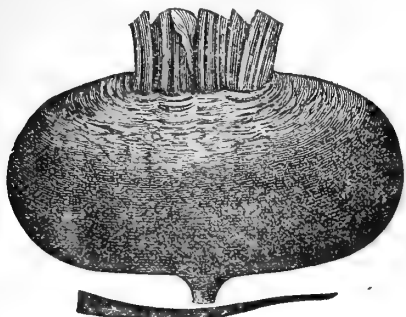


EARLY ECLIPSE BEET.



**Crosby's Egyptian.** Extra early, dark red, very smooth, with small tops and small tap roots. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

**Detroit Dark Blood Turnip.** A perfect globe-shaped sort, dark blood red, very early, few, if any, tap roots; a very desirable market variety. By some this beet is preferred to the Eclipse. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 65c.



EXTRA EARLY DARK RED EGYPTIAN BEET.

**Improved Long Blood Red.** A well known hardy variety, grows from ten to fourteen inches long. Per oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 50c.

## Mangel Wurzels and Sugar Beets.

### STOCK FEED.

Sow from four to six pounds to an acre. Plant a few for your stock by all means. Sow in drills two feet apart. They yield enormously and are very nutritious.

**Select Mammoth Long Red.** The heaviest cropping and smoothest variety of Long Mangels. Excellent keeper. Oz. 10c,  $\frac{1}{4}$  lb. 15c, 1 lb. 35c.

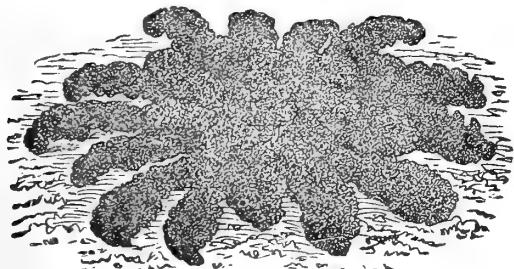
**Golden Tankard.** The best of the intermediate sort, very nutritious, color bright yellow. Oz. 10c,  $\frac{1}{4}$  lb. 15c, 1 lb. 35c.

**White Sugar Beet.** The large amount of saccharine matter contained in this variety makes it very valuable for stock-feeding purposes. Oz. 10c,  $\frac{1}{4}$  lb. 15c, 1 lb. 35c.

## BORECOLE, OR KALE.

Sow from three to four pounds to the acre.

The Kale makes excellent greens for winter and spring use. Perfectly hardy. Sow in September in drills or broadcast.



DWARF GERMAN KALE—CURLED.

**Dwarf German Greens.** (Curled.) Very hardy, leaves curled. Extensively grown as wintergreens. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

## BROCOLI.

**Culture.** Sow as soon as the ground can be worked in the spring. Plant out two feet apart each way, when the plants are about four inches high. Cultivate same as cabbage, in rich soil.

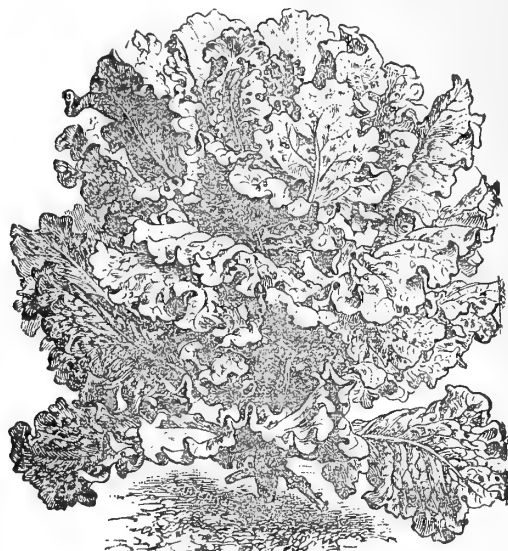
**Purple Cap.** The best for this country. Packet 5c, oz. 40c.

## BRUSSELS SPROUTS.

The plant grows two or three feet high and produces from the sides of the stalk numerous little sprouts, one or two inches in diameter, resembling cabbage.

**Culture.** They should be treated in all respects like cabbage. Packets 5c, oz. 25c.

## COLLARDS.



NORTH CAROLINA BUNCOMBE COLLARDS.

A species of Cabbage very popular in our Southern States. Sow in spring and transplant and cultivate in the same manner as cabbage. Seed sown in early fall continues growing all winter.

**The Southern, or Georgia.** The old standard sort which has been in use in the South for years. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 30c, 1 lb. 75c.

**North Carolina Buncombe Collard.** A superior variety, heads up in winter, very heavy foliage. Stands the cold weather better than other stock. Fine flavor. Packet 10c, oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c.



SOUTHERN COLLARDS.

## CRESS, or Pepper Grass.

### CURLED.

A well-known pungent salad. Sow at frequent intervals to keep up a succession, as it soon runs to seed. Packet 5c, oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.



CURLED CRESS.

## CHICORY.

**Large Rooted, or Coffee.** Sow as early in the spring as the ground can be prepared, in rich, friable soil, in drills eighteen inches apart in garden. In the fall dig the roots and cut into small pieces and dry like dried apples. Packets 5c, oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 50c.

**CORN SALAD,**

(OR FETTICUS).

Sow in September and October and cover thinly with straw when cold weather approaches.

**Large Round Leaved.** Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 90c.



CORN SALAD.

**CABBAGE.**

(American Grown Seed.)

This is the most important crop to the market gardener and small grower, and too much caution cannot be exercised in knowing that the seed is reliable and true. Our seeds are grown with the utmost care and we know they are fresh, pure, reliable and true to name, and that they have been grown from the heads only and these most carefully selected. One ounce will produce about 2,000 plants. For early use, sow the seeds in hot beds in January or February, or may be sown about the middle of October, and the plants wintered over in cold frames. Transplant in spring as soon as the ground can be worked, in rows two feet apart, and the plants eighteen inches apart in the rows. For late or winter use the seed should be sown in June and the plants set out in July  $2\frac{1}{2}$  by 3 feet.

**Selected Early Winningstadt.** A sure header, conical shape. Oz. 20c, 2 oz. 30c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.50.

**Early Dwarf York.** An old favorite, heads heart-shaped. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.

**Large Early York.** Superior early heading—10 days later than Dwarf York. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.



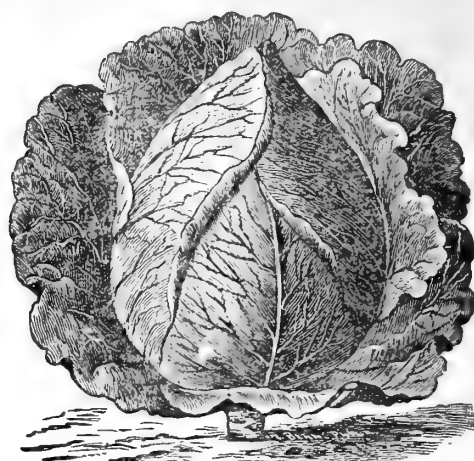
NEW EARLY SPRING CABBAGE.

**New Early Spring Cabbage.** A new early, round, flat head cabbage. Just as early as the Wakefield. Uniform in shape, heads very solid, recommended to market gardeners and truckers. Packet 10c, oz. 40c, 2 oz. 75c,  $\frac{1}{4}$  lb. \$1.50.

**New Early Eureka Cabbage.** A new, fine second early variety, following the Wakefields; flat in shape, sure heading, quality excellent, heads large—size average 10 pounds. Packet 10c, oz. 35c, 2 oz. 65c.

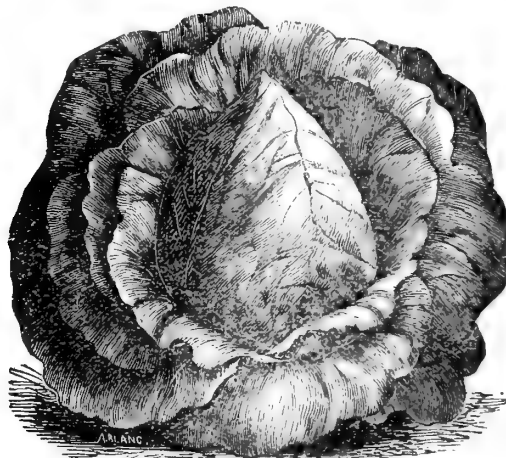
**Stein's Early Flat Dutch.** Remarkably fine strain. A sure header, the heads weighing from ten to twelve pounds. Oz. 25c, 2 oz. 45c,  $\frac{1}{4}$  lb. 85c, 1 lb. \$2.75.

**Selected All-Seasons.** This variety of Cabbage may be planted early or late. Forms firm, hard, round heads, flattened on the top, which do not burst after heading, and is very desirable for a winter keeper. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.25.



CHARLESTON OR LARGE JERSEY WAKEFIELD CABBAGE

**Charleston or Large Jersey Wakefield.** Forms heads considerably larger than the Early Wakefield. They are uniform, large and solid, and only a few days later than the Early Wakefield. Oz. 25c, 2 oz. 45c,  $\frac{1}{4}$  lb. 85c, 1 lb. \$2.75.



SELECTED EARLY JERSEY WAKEFIELD CABBAGE.

**Selected Early Jersey Wakefield.** One of the best early cabbages in cultivation. Forms fine solid heads, conical in shape, with very few outside leaves, and of the best quality. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.50.

**SCHWILL'S BANNER COLLECTION.**

12 Papers Garden Seed for only 25 cents.

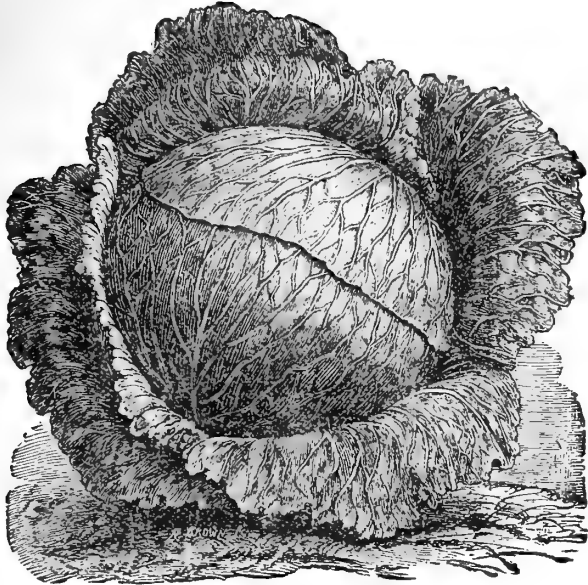
We will send, postage paid, to any address, one paper each of the following Vegetable Seeds upon receipt of price:

BEET—Early Blood Turnip.  
CABBAGE—Early Jersey Wakefield.  
COLLARDS—Southern or Georgia.  
CABBAGE—Early Flat Dutch.  
CARROT—Improved Long Orange.  
CUCUMBER—Improved Long Green.  
LETTUCE—Large White Cabbage Head.  
MUSTARD—Southern Giant Curled.  
RADISH—Early Scarlet Turnip.  
SQUASH—Early White Bush.  
TOMATOES—Early Acme.

TURNIP—Red or purple Top, S. L.

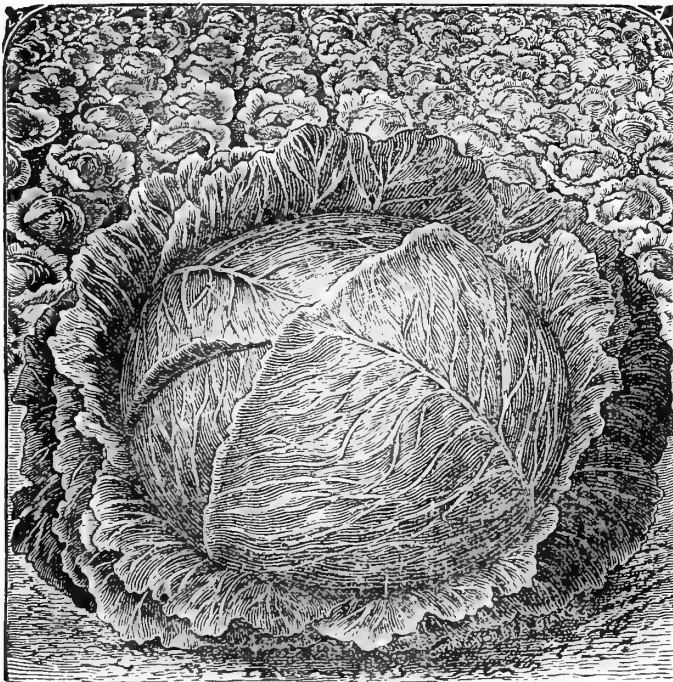
We cannot allow any change in this collection under any conditions. All of our Seeds are fresh, of high grade and packets well filled.

**Improved Early Summer.** Without any exception the best early flat head variety for market use. Is only about eight to ten days later than the Large Wakefield, with heads double the size. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.50.



IMPROVED EARLY SUMMER CABBAGE.

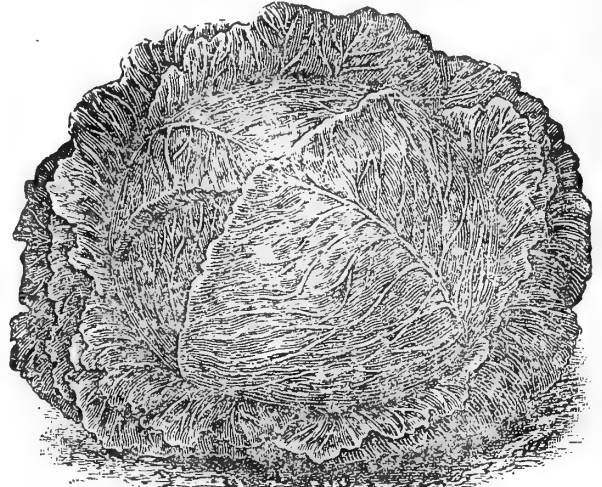
**Succession Cabbage.** A fine second early variety, forms a large, solid head, and on account of its having so few outer leaves can be planted closer together than most any other sort. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.50.



SUCCESSION CABBAGE.

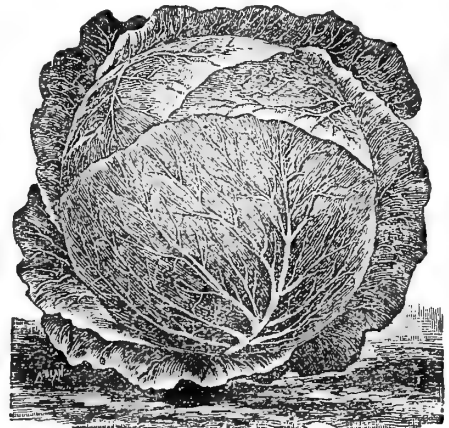
**Solid South.** A magnificent cabbage similar to the Early Summer in shape, is larger, more uniform, has fewer loose leaves, truer to type, and much slower in shooting to seed in the spring if the seed are sown in the fall. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.75.

**Short Stem Drumhead.** A sure header. It has a very short stem and grows very compactly. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.75.



SOLID SOUTH CABBAGE.

**Mammoth Marblehead.** One of the largest varieties grown. Matures late and fine for winter. Oz. 20c, 2 oz. 30c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.75.



SURE HEAD CABBAGE.

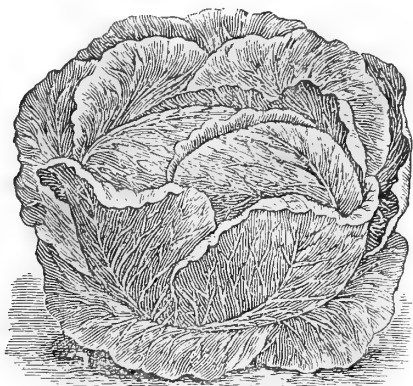
**Genuine Surehead.** This popular cabbage is rightly named Surehead. It never fails to make a remarkably fine, solid, large head, with few outer leaves. A strong, vigorous grower, ripening late for a main crop. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.25.

**Green Glaze.** Glossy green, withstands the ravages of the cut worms better than the other sorts. Oz. 25c, 2 oz. 40c.

**Red Dutch Cabbage.** Forms solid red heads, used mostly for pickling. Ounce 25c.

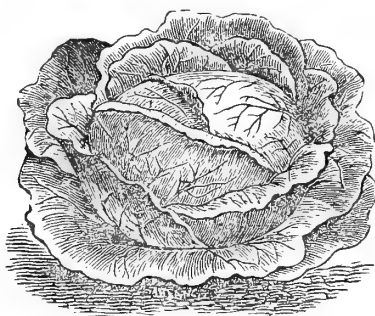
## Kill the Cabbage Worm.

Bug Death will kill them and every other worm or bug that infect vegetables; fine for all cucumber, melon and squash vines. 1 lb. by mail post paid 30c

**CABBAGE, Continued.**

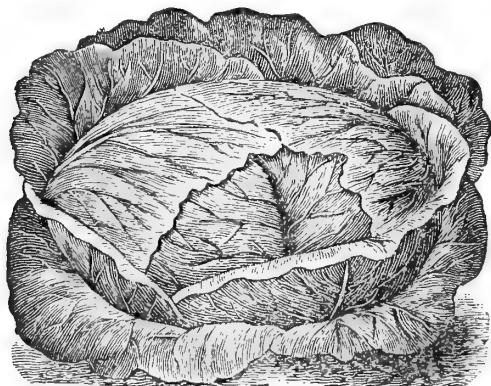
EARLY DWARF FLAT DUTCH CABBAGE.

**Early Dwarf Flat Dutch.** An excellent second early variety producing fine large heads. Highly valued for both its fine quality and ability to resist heat. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$1.75.



SELECTED EARLY DRUMHEAD CABBAGE.

**Selected Early Drumhead.** This popular variety follows the Early Summer. Forms large, solid rounded heads weighing on an average of fifteen to twenty-five pounds each. Oz. 20c, 2 oz. 30c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.50.



IMPROVED LARGE LATE FLAT DUTCH.

**Improved Large Late Flat Dutch.** As a variety for winter market it has no superior and is more extensively grown than any other. Head large, blueish-green, round, solid, broad and flat on top, and often tinted with reddish brown after being touched with frost, they open white and crisp, are tender and well flavored. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.50.



IMPROVED LARGE LATE DRUMHEAD.

**Improved Large Late Drumhead.** Very hardy; excellent for fall and winter planting; heads large, nearly round, compact, of light green color. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.50.

**SAVOY CABBAGES.**

**Large Drumhead Savoy.** A variety of Cabbage producing beautiful curled leaves which when touched by frost, become very tender and delicious in flavor. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.75.

**Marvin's Improved Savoy.** This is a very distinct variety of Savoy, originated on Long Island; grows to a very large size; head solid, very curly and nearly every plant will form a good head. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.50.

**Market Gardener's Private Stock Drumhead Savoy.** Finest strain of Savoy. Extra large; especially recommended to market gardeners, makes a good, firm head. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.50.



LARGE DRUMHEAD SAVOY CABBAGE.

**CARROT.**

One ounce to 100 feet drill, two to three pounds to the acre in drills.

Sow during any of the spring months in drills from twelve to fifteen inches apart, and thin to three or four inches in the drill. Requires deep, rich, mellow soil and thorough culture.

**Improved Long Orange.** A well-known standard sort, roots long, color dark orange. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

**Half-Long Scarlet.** Very popular variety. It is of a deep red color, of perfect form. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.



IMPROVED LONG ORANGE CARROT.

**All Seeds are sold at 5c per packet, or 3 for 10c unless otherwise noted.**

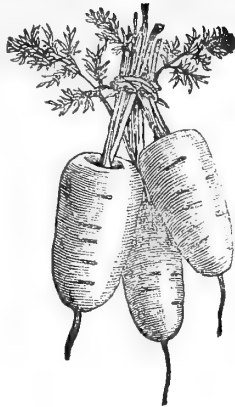


DANVER'S HALF LONG  
CARROT.

**Early Scarlet Horn.** This is the favorite for an early crop. Ounce 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 70c.

**Danvers Half-Long.** Of good quality and exceedingly productive. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 70c.

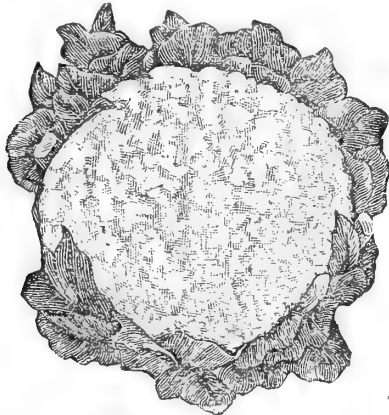
**Ox Heart Carrot.** Of extra fine quality and very productive. Ounce 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.



SCARLET HORN CARROT.

## CAULIFLOWER.

One ounce will produce about 2000 plants. Sow in hot-bed early in January and transplant any time suitable after first of March. Our stock is of the very best quality, making a sure head. We do not handle the cheap grade of Cauliflower, which can be bought at one-fourth of our prices—such seed is dear at any price. If you cannot afford to buy the best seed, do not plant any at all.



EARLY SNOWBALL CAULIFLOWER.

**Henderson's Early Snowball.** A sure header; one of the best sorts, either for forcing or outdoor culture. Packet 10c,  $\frac{1}{2}$  oz. 50c,  $\frac{1}{4}$  oz. 75c, 1 oz. \$2.50.

**Gilt-Edge Snowball.** Larger and heavier than the preceding variety. Finest strain. Packet 10c,  $\frac{1}{2}$  oz. 50c,  $\frac{1}{4}$  oz. 75c, 1 oz. \$2.50.

## Satisfaction Guaranteed.

We realize most fully that in the seed business—more so than in any other—"a pleased customer is the best advertisement," and our undivided attention is given to satisfy our patrons, so that they will remain with us permanently. From past experience we are confident of our ability to please the most fastidious, and all we ask of those who have not yet dealt with us is to send us a trial order and be convinced of the superior quality of our seeds, and our fair and square method of doing business.

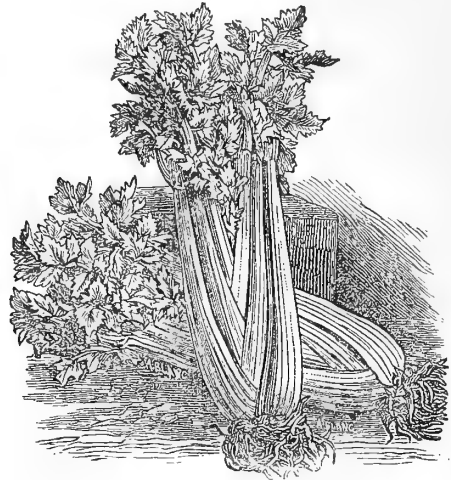
## CELERY.

One ounce will produce about 3000 plants.

Sow in April or May, and rake the seed in lightly; water and shade from strong sun. Prepare trenches two or four feet apart, a foot wide and a foot deep; dig into the bottom plenty of well rotted manure and set the plants when they are three or four inches high six or eight inches apart in each trench.

**Perfection Heartwell.** A fine, large variety; firm, golden yellow heart. Keeps well. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c.

**White Plume.** Very early, requires but little banking up to blanch, is of fine flavor. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c.



GOLDEN SELF-BLANCHING CELERY.

**Golden Self-Blanching.** Compact, straight, vigorous growth; self-blanching to a remarkable degree. Oz. 40c, 2 oz. 70c,  $\frac{1}{4}$  lb. \$1.00.

**Large White Solid.** Grows to a very large size, crisp and tender. Oz. 20c, 2 oz. 30c,  $\frac{1}{4}$  lb. 50c.

**Celoric or Turnip-Rooted Celery.** Sow early in spring in light, rich soil, transplant in May into beds (not into trenches like other celery) water freely in dry weather. Packet 5c, oz. 25c.

**Flavoring Celery.** Used principally for seasoning putting up pickles, etc. Oz. 5c, 2 oz. 10c,  $\frac{1}{4}$  lb. 15c, 1 lb. 50c.

## CUCUMBERS.

One ounce will plant fifty hills; one to two pounds will plant one acre.

Cucumbers succeed best in warm, rich, sandy loam, and should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way, and when all danger of insects is past, thin out the plants, leaving three or four of the strongest to each hill.

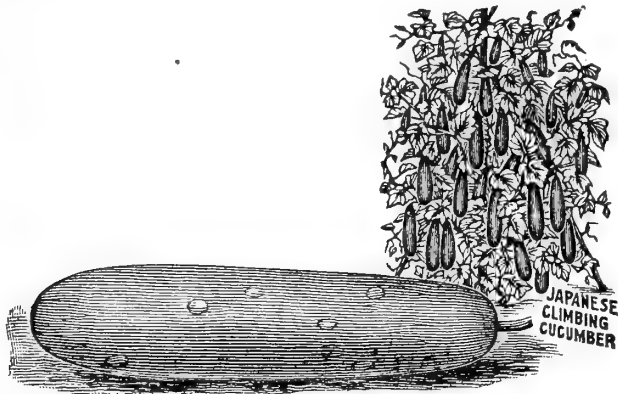
**Livingston's Evergreen.** This is claimed to be superior to any other variety in many points. A very strong grower, extra early, of the best flavor, firm, crisp, and superior for pickles or slicing. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

**Cool and Crisp.** One of the earliest and most prolific of all pickling cucumbers. When of the right size for pickles they are straight, slim, somewhat pointed at both ends, very dark green, almost black. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

**Arlington White Spine.** Differs from the Early White Spine in retaining a deep green color in all shapes of growth, medium long, very productive and matures early. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

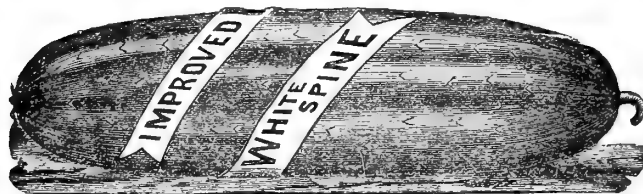


**CUCUMBERS, Continued.**

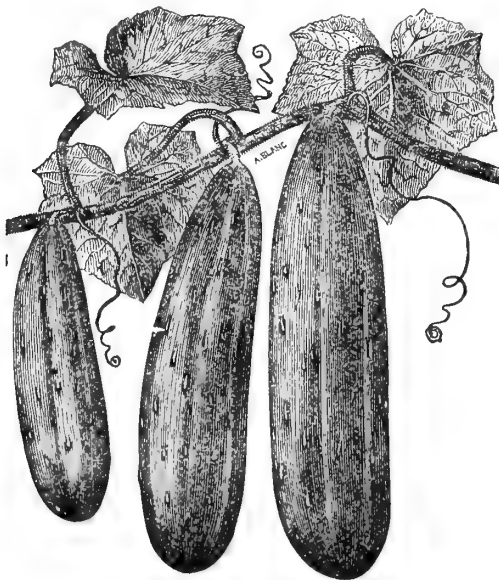


JAPANESE CLIMBING CUCUMBER.

**Japanese Climbing.** The vines are of healthy, vigorous growth, and throw out strong, grasping tendrils, which enable it to climb trellis or any other suitable support. It comes into bearing early, a single vine producing 25 to 30 splendid, large cucumbers 10 to 12 inches long, of delicate flavor. Skin dark green, flesh pure white, of excellent quality for slicing, and when young make attractive pickles. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c.



**Improved Early White Spine.** A favorite market variety. The vines are vigorous and productive, yielding a beautiful deep green fruit of fine flavor. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.



IMPROVED LONG GREEN CUCUMBER.

**Improved Long Green.** The leading long green cucumber, of excellent quality; dark green, firm and crisp. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Long Green Turkey.** Fruit very long and slim. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

**Chicago Pickle.** A first-class pickling cucumber, productive and a good keeper. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

**Early Green Cluster.** Grows in clusters, early. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Early Frame.** Early and of vigorous growth. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Extra Early Russian.** Very early, short; good for pickles or market. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

**West India Gherkin.** Very small, oval shaped, prickly fruits. Used exclusively for pickling. Packet 5c, oz. 25c.



LONG GREEN TURKEY CUCUMBER

**GARDEN AND SWEET CORN.**

FOR TABLE USE.

One quart will plant 200 hills; one peck will plant an acre in hills.

Plant as soon as the ground becomes warm in the spring, in hills about three feet apart, five or six grains to the hill, and when up thin them out. For a succession, plant every two weeks until midsummer.

Express or freight charges on Corn always to be paid by the purchaser. If to be sent by mail 10c per quart must be added to prepay postage.

**Extra Early Adams.** The earliest white corn. Stalks three to four feet high. Not a sugar corn, but a decided acquisition so very early in the season. Pint 10c, quart 15c, 4 quarts 50c, peck 75c.

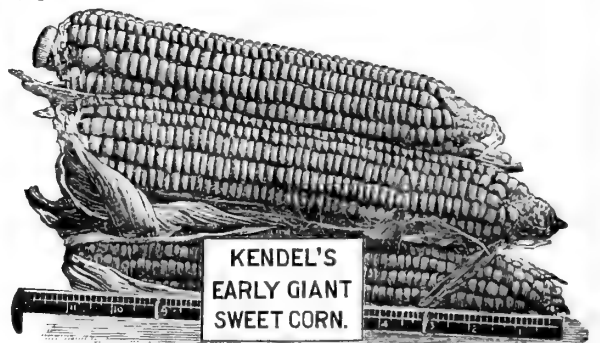
**Adams Early White.** A very early variety; one of the most profitable varieties for early market. Pint 10c, quart 15c, 4 quarts 50c, peck 75c.

**Early Fordhook.** An extra early sweet corn. A few days ahead of the Early Cory, with ears some larger. Grain deep, with small cob. Pint 10c, quart 20c, 4 quarts 50c; by mail, pint 15c, quart 30c.

**Kendel's Early Giant Sweet Corn.** It gives us pleasure to be able to catalogue this new corn. The ears grow to a tremendous size, measuring 8 to 10 inches long, and having 12 to 18 rows on each cob. Kernels pure white, sweet and tender. Pint 15c, quart 25c, 4 quarts 75c; by mail, pint 20c, quart 35c.



ADAMS EARLY CORN.



**Henderson's Sugar.** One of the best medium early sorts; has fine, large ears, bearing them two to three to the stalk, and of finest quality. A very profitable corn to grow for market. Pint 10c, quart 20c, 4 quarts 50c, peck 75c; by mail, pint 15c, quart 25c.

**Tuscarora.** Large ears; a most handsome corn; stalks strong, a prolific bearer. Pint 10c, quart 15c, 4 quarts 50c, peck 75c; by mail, pint 15c, quart 25c.

**Nonesuch Sweet.** This variety will be sure to please, because of the good size of the ears, its strong growing qualities and heavy yield. It is twelve to fourteen rowed, coming in just after the Cory, with larger ears. Pint 10c, quart 15c, 4 quarts 50c; by mail, pt. 15c, qt. 25c.

**Early Mammoth.** Large growing variety, maturing earlier than the Late Mammoth; very sweet and of fine flavor. Pint 10c, quart 15c, 4 quarts 50c; by mail, pint 15c, quart 25c.

**Schwill's Early Market.** Our new market corn, even earlier and ears are larger than either the Champion or Surprise. Like all corn of this class, it can be planted very early. Careful tests the past season have proven what we claim for it. If you are a trucker or market gardener don't miss it. Pint 10c, quart 15c, 4 quarts 35c, peck 65c; by mail, pint 15c, quart 25c.

**New Early Surprise.** This new early variety is now the favorite sort for early roasting ears. The popularity of this fine variety is well earned, having been tested thoroughly by our market gardeners for the past three years, and all are now satisfied that they have found a corn that will make early ears of large size and good quality. Stalks grow to a medium height, and on good ground will average two good ears. As a field corn it has no equal. Pint 10c, quart 15c, 4 quarts 30c, peck 50c, bushel \$1.75; by mail, pint 15c, quart 25c.

**Clarke County Champion Corn.** A favorite variety with market gardeners as a roasting ear, having size, earliness and quality combined. It is also valuable as a field corn, maturing before the drouths in midsummer, being very early. Pint 10c, quart 15c, 4 quarts 30c, peck 50c, bushel \$1.50; by mail, pint 15c, quart 25c.

**Stowell's Evergreen (Sweet).** A variety that is more largely planted than any other. It is hardy and productive, very tender and sugary, remaining in a condition suitable for boiling a long time. Pint 10c, quart 15c, 4 quarts 50c, peck 75c; by mail, pint 15c, quart 25c.

**Country Gentleman.** The ears are not only of good size, but are produced in great abundance. The great merit of the "Country Gentleman" corn is its delicious quality. It is without doubt the sweetest and most tender of

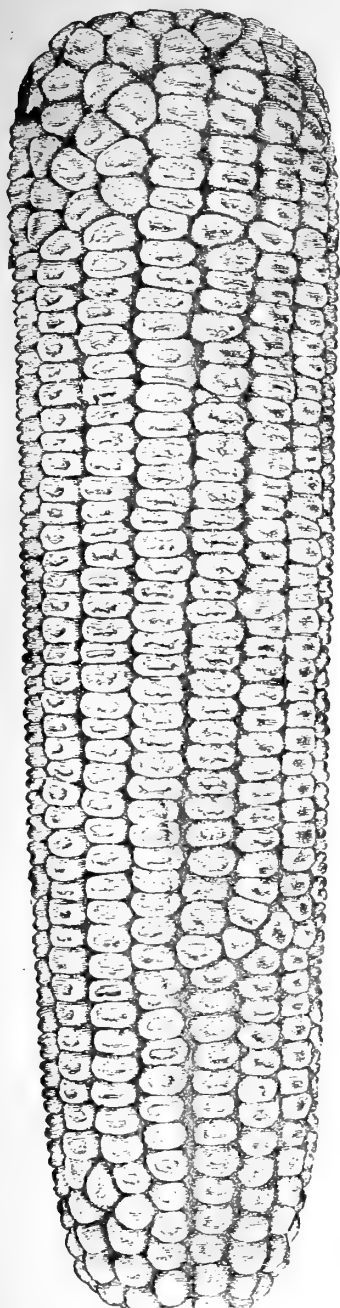
all sweet corn. Pint 10c, quart 20c, 4 quarts 50c, peck 90c; by mail, pt. 15c, qt. 30c.

**Mammoth or Large Sugar.** Produces the largest ears of any Sweet Corn; ripens a little later than the Evergreen. Pint 10c, quart 15c, 4 quarts 50c, peck 75c; by mail, pint 15c, quart 25c.

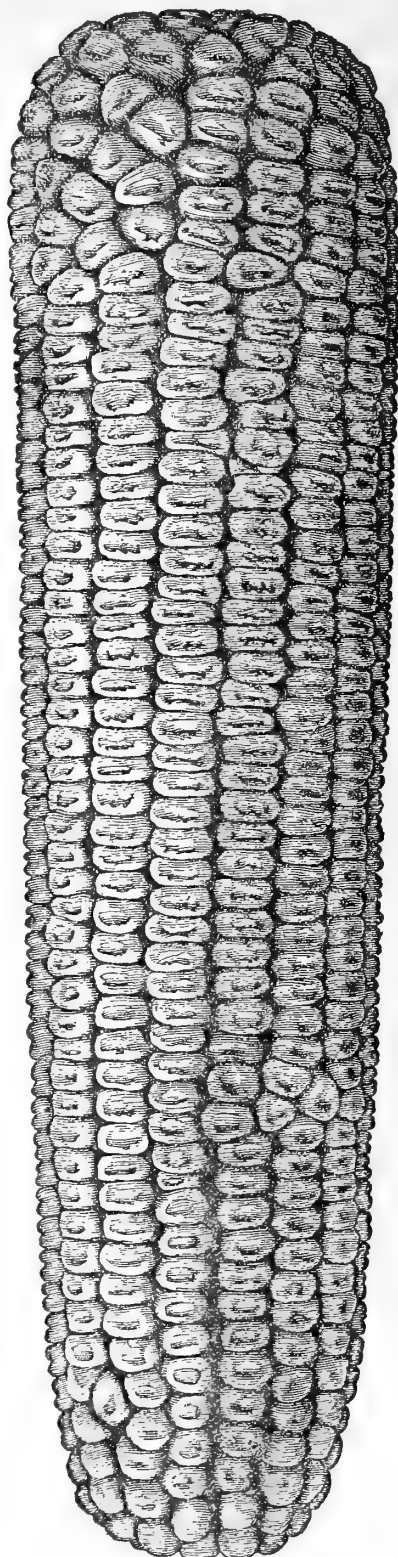
**Pennsylvania Rare Ripe, or Long White Flint.** The ears are long and of very thick growth. Pint 10c, quart 15c, 4 quarts 50c, peck 75c; by mail, pt. 15c, qt. 25c.

We have also ears of all the foregoing varieties. Price, 5c each. If wanted sent by mail add 5c for each ear extra to pay for postage.

For Field Corn, look under head of Field Seeds in rear of this catalogue. Our stocks this season will be up to their usual standard.



NEW EARLY SURPRISE CORN.



SCHWILL'S EARLY MARKET CORN.

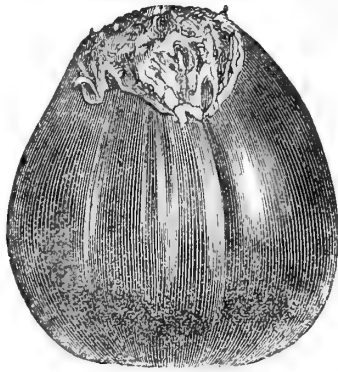
**Send \$1 and select 35 papers of Seed from our 5c size. We pay the postage.**

## EGG PLANT.

One ounce will produce about 1000 plants.

A tender plant, which should be started quite early in a hotbed or box in the house, which must be kept warm. A good plan is to soak the seeds for six or eight hours in lukewarm water before sowing in the bed. Do not put out doors until nice warm weather.

**Improved New York Purple.** This is the favorite market variety, of large size, smooth, deep purple skin, free from thorns, white flesh and tender. Ours is the improved strain, carefully grown and selected.  $\frac{1}{2}$  oz. 20c, 1 oz. 35c, 2 oz. 60c,  $\frac{1}{4}$  lb. \$1.00, 1 lb. \$3.50.

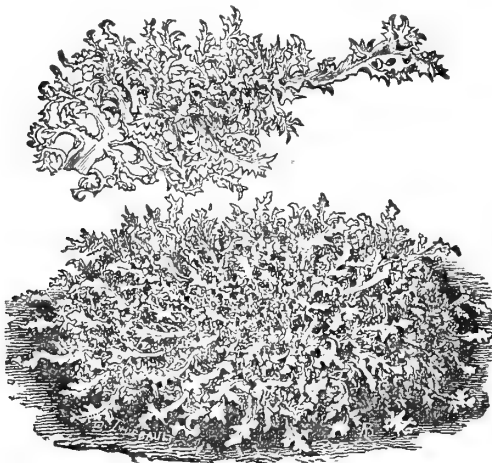


IMPROVED NEW YORK EGG PLANT.

## ENDIVE.

One ounce will produce 3000 plants.

Sow early and thin. Soon as large enough thin to nine inches apart. When leaves are eight inches long tie them together with a string near the top to blanch.



ENDIVE.

**Green Curled.** Very ornamental, its leaves being beautifully colored and delicately cut. As a salad, coming in after lettuce is past, it is very useful, and its quality is excellent. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.75.

## KOHL-RABI.

One ounce will produce 2000 plants.

An excellent vegetable. Sow in rows in May or June, eighteen inches apart, thinning to eight inches between the plants.

**Early White Vienna.** This is the best and earliest variety for table use. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.00.



KOHL-RABI.

## Lambert's Death to Lice.

Every poultry raiser should have this preparation on hand. Packages by mail 15 and 40c.

## LEEK.

One ounce will sow 100 feet drill.

A hardy species of onion, sown in drills or broadcast. When six inches high transplant into rows a foot apart, setting the plants four or five inches deep and about six inches apart in the row.



LEEK.

**Best Large London Flag.** Broad leaves, of strong and vigorous growth. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$1.75.

## LETTUCE.

One ounce will produce 3,000 plants.

For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowings may be made in the open ground from April to middle of August, every two or three weeks, for succession.

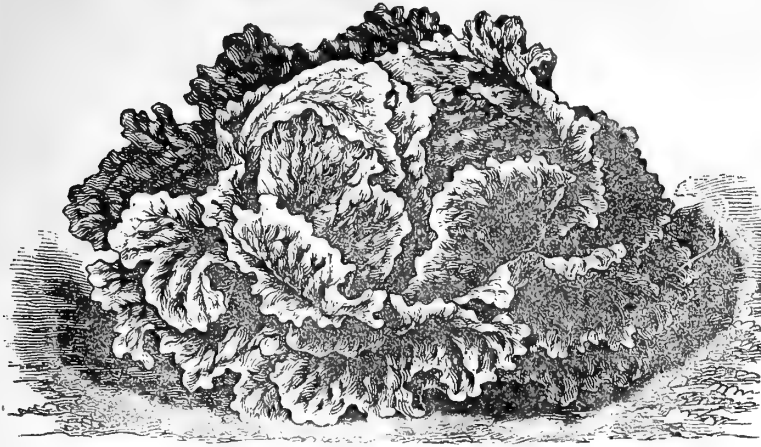


SOLID EMPEROR LETTUCE.

**Solid Emperor Lettuce.** One of the largest and most solid of all our Cabbage Head sorts. Outside color of leaves, which are smooth, is light green, but become more and more yellow toward the heart; remains a long time without running to seed. Packet 10c, oz. 35c, 2 oz. 60c,  $\frac{1}{4}$  lb. \$1.00.

**Mignonette Lettuce.** Heads very solid and compact; outer leaves are richly colored with russet red and bronze green, while the solid hearts are of a light cream color. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 50c.

**Iceberg Lettuce.** A fine variety, tender and free from any bitter taste; makes good heads. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 60c.



BONANZA LETTUCE.

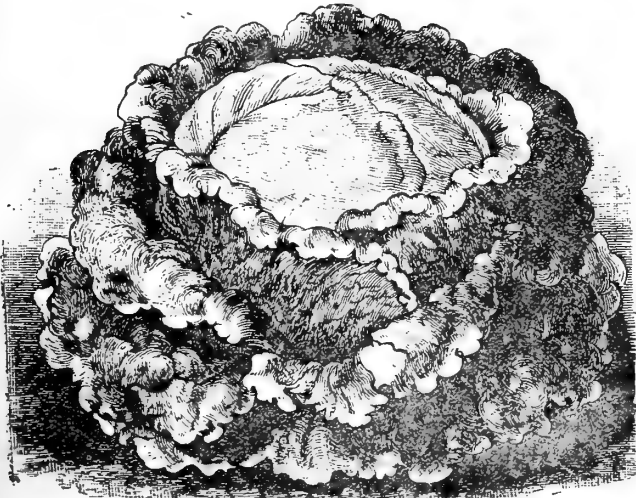
**Bonanza Lettuce.** The largest heading lettuce we have ever seen, having been grown to six pounds in weight; the average size, however, with ordinary culture, is from two to three pounds. The heart is very solid, of pale green color, very tender, and crisp, and without the slightest trace of the bitterness found in the majority of lettuces. Packet 10c, oz. 40c, 2 oz. 70c,  $\frac{1}{4}$  lb. \$1.25.



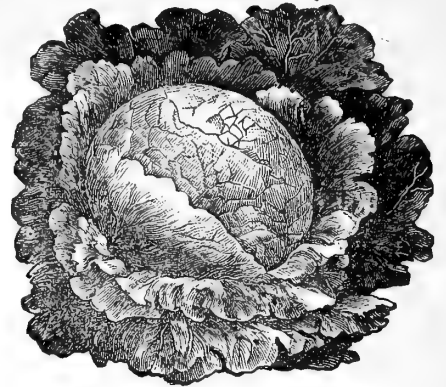
HUBBARD MARKET LETTUCE.

**Hubbard Market.** One of the best head lettuce; outer leaves dark green, inner light green. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.

**St. Louis Market.** A large white cabbage variety; very slow to run to seed. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$2.00.



CALIFORNIA CREAM BUTTER LETTUCE.



LARGE WHITE CABBAGEHEAD LETTUCE.

**Large White Cabbagehead Lettuce.** Produces fine, greenish-white, large heads of extra quality. A market favorite. Oz. 15c, 2 oz. 25c,

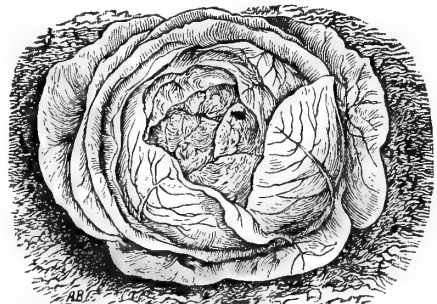
$\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.

**Schwill's Hard Head Lettuce.** Grows very rapidly and heads extremely early and is nearly as solid as cabbage. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.00.



IMPROVED ROYAL CABBAGE LETTUCE.

**Improved Royal Cabbage.** A good variety, forming fine, large, solid heads; stands the heat remarkably well. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.



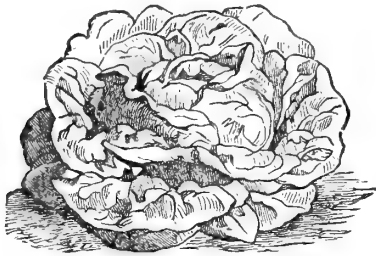
PHILADELPHIA WHITE CABBAGE LETTUCE.

**Philadelphia Early White Cabbage.** A good variety for forcing, and also for summer use, and producing fine, greenish-white, well formed heads of extra quality. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.

**California Cream Butter.** Its shape is distinct, heading up like a cabbage, and almost as solid; of a beautiful light green color, and particularly rich and buttery in flavor, and very tender. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.75.

**Hanson.** The heads are of very large size, weigh two and a half to three pounds and measure about one and a half feet in diameter. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.



**LETTUCE, Continued.**

• SCHWILL'S PRIVATE STOCK LETTUCE.

**Schwill's Market Gardener's Private Stock.** A Selected strain introduced by us. It has very large solid heads, resisting the sun for a long time before running to seed. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.00.

**New York Head Lettuce.** Forms large, solid heads, of a very dark green color outside; inside the leaves are greenish white, crisp and tender. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.

**Large India Curled.** Forms an immense plant; the largest of the curled varieties. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 50c.

**Early Curled Silesia.** One of the earliest for outdoor planting. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.

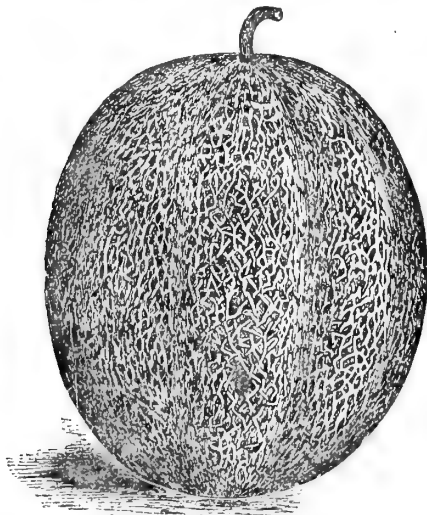
**Prize Head.** Hardy and of good flavor; leaves crisp and tender. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.

**Early Curled Simpson.** Leaves beautifully crimped, dark green. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.

**CANTALOUPE OR MUSK MELONS.**

One ounce will plant about 50 hills; 2 pounds to the acre.

The soil best adapted to the culture of melons is a warm, rich, sandy loam. Plant in hills five or six feet apart each way, ten or twelve seeds in a hill. When they begin to vine, thin out, leaving only four of the most thrifty. As melons are very sensitive to cold, they should not be planted till the settled warm weather begins—in this latitude about the middle of April.



ANNE ARUNDEL CANTALOUPE.

**Anne Arundel Cantaloupe.** We offer this splendid variety for the first time this season. We find it particularly well adapted to our Southern section, and advise our patrons to try it. It is a thick, oval melon of first size, ribs very distinct and netted all over. Flesh green and sugary. It is in all respects one of the best melons. Its entire webbing or netting fits it to resist abrasion during shipment. Packet 10c, oz. 15c, 2 oz. 25c, 4 oz. 35c, 1 lb. \$1.00.

**Jersey Belle.** This new melon is not only the largest of all the first early sorts grown under the same conditions, but is always first to ripen. It seems to do best on light soil. The melons are flattened at the ends, deeply ribbed and heavily netted; its beautiful green flesh is not excelled in quality by any extra early sort, either for home use or market. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

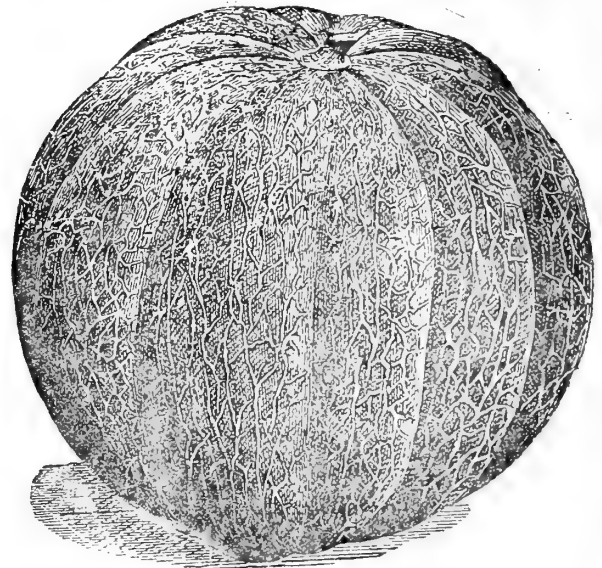
**Paul Rose Cantaloupe.** This excellent new shipping melon has come to stay. Chicago market report quote them at the top of the list. Shaped somewhat like the Early Netted Gem but some larger; just as early as the Gem. Flesh is salmon colored, fine grained and smooth as butter; stands shipping well; its a money maker, try it. Price of true seed, packet 10c, oz. 20c, 2 oz. 35c, 4 oz. 60c.



EARLY NETTED GEM.

**Early Netted Gem.** Shaped almost a perfect globe, grows remarkably uniform. Very productive and extra early in ripening. It is especially suited for shipping in baskets or crates. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 90c.

**Cassaba, or Large Persian.** Long, oval-shaped; skin very thin and delicate, flesh extremely tender, rich and sweet, and flows copiously with a cool juice, which renders them very grateful. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.



NIXON CANTALOUPE.

**Nixon Cantaloupe.** Large size, round, roughly netted, thick meat, of rich flavor and sweetness. Georgia grown seed. Oz. 10c, 2 oz. 20c,  $\frac{1}{4}$  lb. 35c.

**Extra Early Netted Green Citron.** Skin deep green, thickly netted, flesh thick and high flavored; extremely early. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

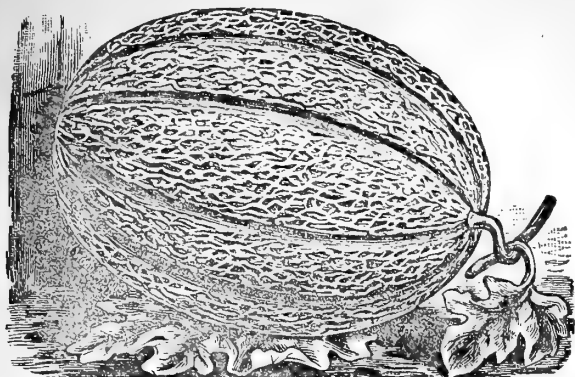
**Cannon Ball.** Originated in Texas. In shape as round as a ball, medium size and heavily netted; remarkably solid with small seed cavity; very prolific and a good keeper. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

**Emerald Gem.** Small, extra early, dark green skin, orange flesh; very sweet. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 75c.

**Melrose.** A fine variety, oval, dark green, perfectly netted, flesh light green shading to salmon; of fine flavor and very early. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

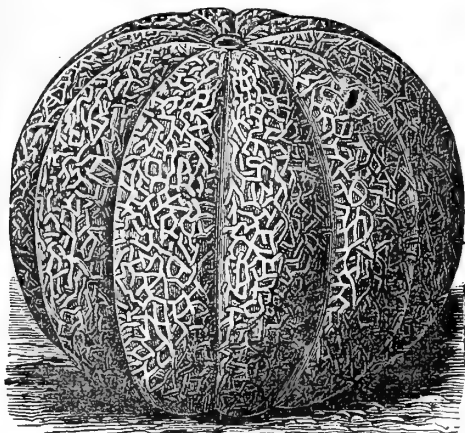
**Cosmopolitan.** Round, heavily netted, green flesh and very sweet. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.





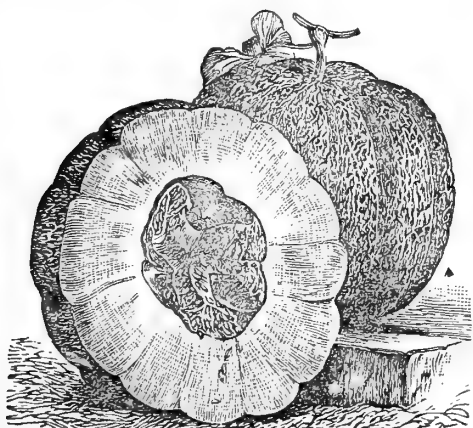
ACME OR BALTIMORE CANTALOUPE.

**Acme, or Baltimore.** A very productive melon; the favorite market variety. Ribbed and heavily netted; flesh quite thick, light green in color, sweet and of fine quality. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 75c.



MONTREAL MARKET NUTMEG.

**Montreal Market Nutmeg.** Of large size, densely netted flesh, light green and very sweet. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.



IMPROVED LARGE GREEN NUTMEG.

**Improved Large Green Nutmeg.** Larger size, but having all the good qualities of the old Green Nutmeg. Vines vigorous, hardy, productive; fruit very large, round, ribbed, covered with coarse netting; flesh very thick, green, of the highest flavor. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 75c.

**Hackensack Large.** Large, round and of good quality; a popular variety. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 50c.

**Extra Early Hackensack.** Ripens very early, ten days ahead of Large Hackensack; excellent for market. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 30c, 1 lb. 60c.



PROLIFIC NETTED NUTMEG.

**Prolific Netted Nutmeg.** A favorite and profitable market variety; medium size, deeply netted. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

**Tip Top Nutmeg.** Always sweet, juicy, and of finest flavor. As a home melon it has no superior. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

## MUSHROOM SPAWN.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry fresh horse manure and lay it in a heap to ferment; turn and mix it well every few days and when well and equally fermented, which will be in from ten to fifteen days, it may be made into a bed four feet wide and about two feet deep, mixing it well together and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees the spawn may be inserted in pieces about the size of a walnut, about two inches deep and six inches apart. Cover with loamy soil about two inches deep and beat it down evenly and firmly. Finish off with a covering of clean straw or hay about a foot thick. Water when necessary with lukewarm water, and expect Mushrooms in from four to six weeks. English in Bricks, per pound, 25c; by mail add 10c per pound.

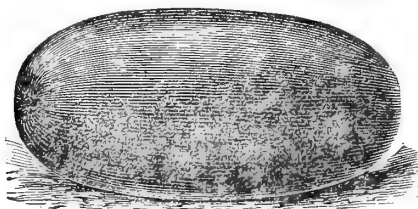


## MELONS, WATER.

One ounce to forty hills; three to four pounds in hills for an acre.

Drop middle of spring, in hills six to eight feet apart, six to ten seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section.

**The Gragg.** Very popular in the Southern States. Large, somewhat oval shaped; flesh brilliant scarlet, of excellent quality. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

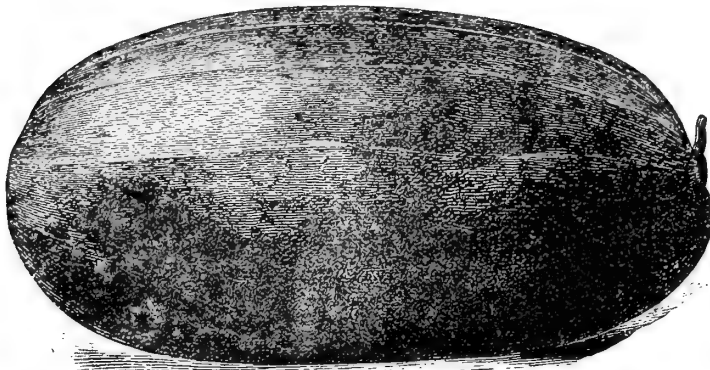


FORDHOOK EARLY MELON.

**Fordhook, Early.** Proven to be the earliest of all and also of fine quality. Size very good for its earliness; rind is hard and tough, making it a good melon for market. Outside color a medium green; flesh tender and sweet. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 85c.

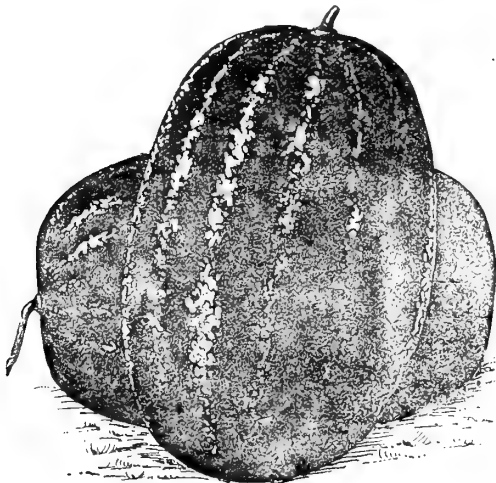
**Hoosier King.** A distinct variety of mammoth size. Fruit nearly round, of enormous size and excellent quality. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 90c.

**Kolb Gem Watermelon.** More largely grown by Southern shippers than any other; the flesh is red and of excellent flavor. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**WATERMELONS, Continued**

KLECKLEY SWEETS MELON.

**Kleckley Sweets Melon.** The sweetest thing you ever tasted. No other sort can compare with this in quality. Of oblong shape, dark green skin; flesh bright red and always solid and of the most luscious flavor. Packet 10c, oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.



DUKE JONES' WATERMELON.

**Duke Jones.** One of the largest and most productive melons. A melon of fine appearance; large, round, solid meat and of fine flavor and a heavy yielder, and early. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.



MCIVER'S WONDERFUL SUGAR

**Gypsy, or Georgia Rattlesnake.** A favorite variety. Flesh bright red, skin striped dark and light green. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Peerless, or Ice Cream.** A good, early melon. For family use or growers who sell direct to consumers, this is one of the best. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Light Icing.** Flesh red and of excellent quality. A good variety for the home market. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 75c.

**Mountain Sweet.** An old standard variety. Succeeds well in this section. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Mountain Sprout.** Oval, large, bright scarlet; good keeper. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Florida Favorite.** Oblong in shape, flesh light crimson, very crisp and deliciously sweet. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 75c.

**Phinney's Early.** A valuable variety for early use; fruit medium size, oblong; flesh light red, tender and crisp. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 75c.

**Texas Queen.** A fine, large variety from Texas, where it commands the highest prices. Shape roundish, dark green skin, somewhat marbled, with a light shade green; its deep red flesh is very crisp, tender, and sugary in flavor; always very firm, never mealy. The melons average 50 pounds. Oz. 10c, 2 oz. 20c,  $\frac{1}{4}$  lb. 30c, 1 lb. \$1.00.

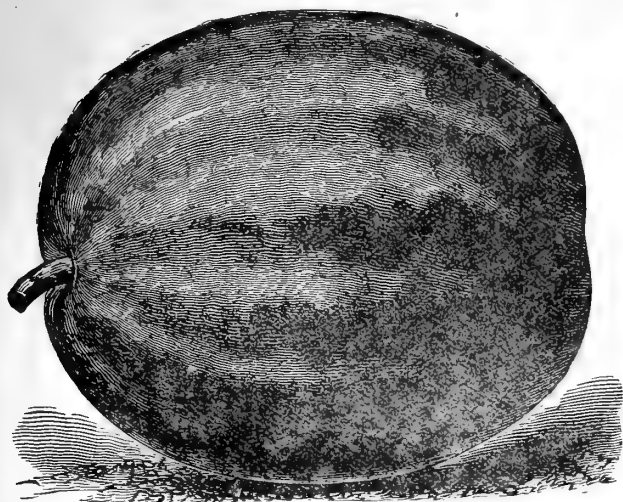


TEXAS QUEEN.

**McIVER'S Wonderful Sugar.** Shaped and striped somewhat like the Rattlesnake; grows larger than that variety and is of much better quality, and even surpasses that of the Florida favorite. Its crimson flesh is entirely stringless and as sweet as sugar. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 90c.

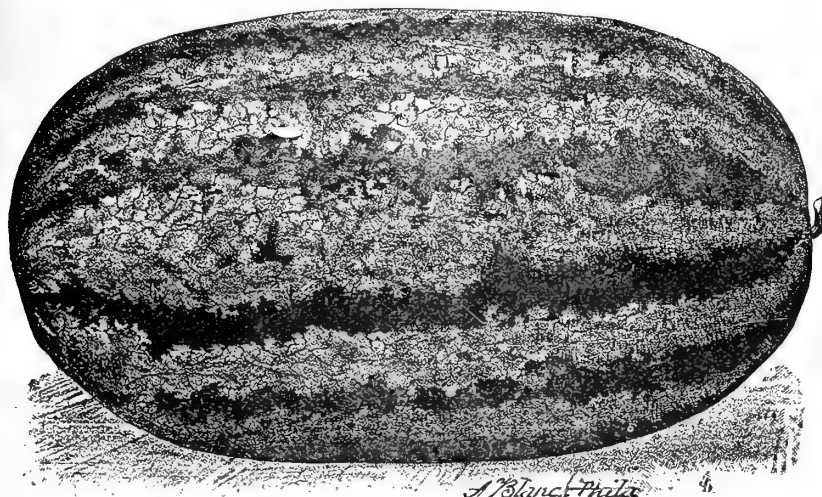
### SEEDS for Market Gardeners.

We are in position to give Market Gardeners as low prices as those of any reputable house in the South. Our stocks are the very best that we can obtain, and true to name. We invite inquiries, and will give prices to those who will write us.



SWEETHEART MELON.

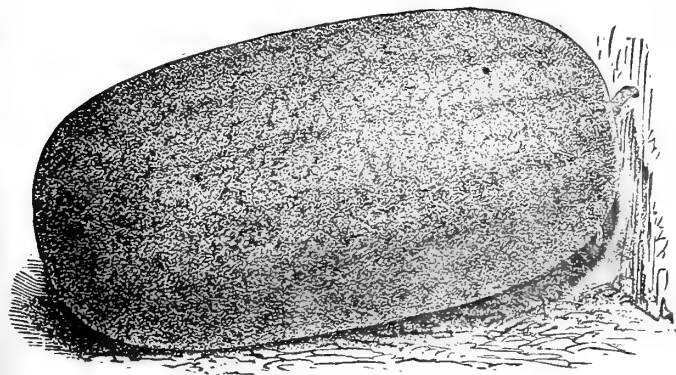
**Sweetheart Melon.** A fine variety, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Rind thin but firm. Flesh is bright red, firm, solid but very tender, melting and sweet. Seed gray. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.



IMPROVED DIXIE WATERMELON.

**Improved Dixie.** A standard and well known sort; grows to good size. One of the most productive and salable melons on our list. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Cuban Queen.** Solid and heavy, excellent quality; early. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.



GRIST, OR BENJESTOWN MELON.

**The Grist, or Benjes Town Melon.** This is the old reliable stand-by which melon-growers prize the most. No doubt it suits our climate and soils better than some varieties. Its bright red flesh is always tender, brittle, sweet and juicy. This variety is also called by some **The Gray Kid.** Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 85c.

**Mammoth Iron Clad.** Grows to a large size; flesh bright red, crisp and juicy. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 75c.

## MUSTARD.

One ounce will sow about eighty feet of drill.

**Culture.** For early salad sow in February, and for general crop, at intervals through the spring, in rows six inches apart, and rather thick in rows.

**Ostrich Plume Mustard.** A fine, new variety; leaves resemble an ostrich plume, beautifully curled; very large leaves, with ruffles and frills; pretty enough for a table ornament. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 40c.

**White.** Leaves cut and rounded; excellent for salads and garnishings. White seed. Oz. 5c,  $\frac{1}{4}$  lb. 15c, 1 lb. 35c.

**Black (or Brown).** Leaves oblong, broad and cut. Seed reddish brown. Oz. 5c,  $\frac{1}{4}$  lb. 15c, 1 lb. 35c.

**White Mustard Seed.** For pickling purposes.  $\frac{1}{4}$  lb. 10c, 1 lb. 25c.



SOUTHERN GIANT CURLED.

**Southern Giant Curled.** True curled leaf; produces plants which often grow two feet high and of greater breadth, forming enormous bunches. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

**Chinese Mammoth Mustard.** Forms immense plants; leaves tender and are very large, sometimes twelve to fourteen inches, and is ready for use in about six weeks after sowing. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.



CHINESE MAMMOTH MUSTARD.

## OKRA, OR GOMBO.

One ounce will plant 100 hills.

**Culture.** In mild climate plant late in the spring, after the ground has become warm, in hills about two and a half feet apart, and thin to three plants in a hill.



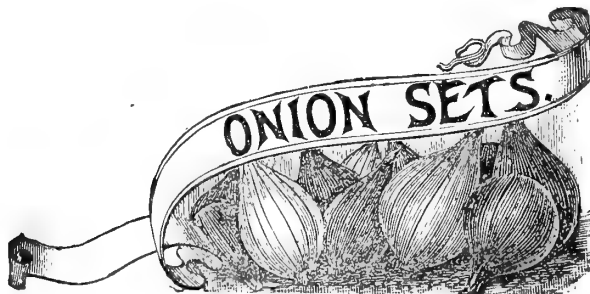
PERFECTION WHITE VELVET OKRA.

**Perfection White Velvet.** The grandest variety we have ever seen; always smooth and tender and the finest bearer of all, yielding double as much as the ordinary stock of White Velvet; pure silver white, round pods. The grower from whom we procured our seed states he had no competition as long as he could supply the demand, all others having to wait until he sold out. Oz. 15c, 2 oz. 25c,  $\frac{1}{4}$  lb. 30c, 1 lb. 85c.

**Dwarf Green.** Early; pods short and very numerous. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 50c.

**White Velvet Pod.** A beautiful, prolific, smooth, round pod Okra. It is exceedingly tender and well flavored. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Tall, or Long Green.** Pods long, slender. This, we think, is the best variety for our climate. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 50c.



One quart to twenty feet of drill; eight to twelve bushels, depending on size, to set an acre in drills.

Mail, express or freight charges always to be paid by the purchaser.

If Onion Sets are wanted to be sent by mail 10 cents per quart must be added to prepay postage.

**Yellow Danvers Onion Sets.** Quart 15c, 4 quarts 50c, peck 75c.

**Red Wethersfield Onion Sets.** Quart 15c, 4 quarts 50c, peck 75c.

**White Bottom Sets.** Quart 15c, 4 quarts 50c, peck 90c.

**Red Top, or Button Onion,** are the little round bulbs growing on the top of the stalk; planted early in the spring will produce large onions. Quart 20c, 4 qts. 70c, peck \$1.25.

**Potato Onion.** Valuable for an early crop; of mild, sweet flavor and highly esteemed by many. Quart 15c, 4 quarts 50c, peck \$1.00.

**French Shallots.** A small size onion which grows in clumps. In fall of the year the bulbs are divided and set out in rows a foot apart and three to four inches in the rows. Quart 15c, peck 60c.

**White Multiplying Onion.** Very fine for green onions, making an extra quick growth, of a mild flavor. Quart 15c, 4 quarts 40c, peck \$1.00.

**Chives** (Schnittlauch). The Chives are small and not very important members of the onion tribe, quite hardy everywhere. Per doz. bulbs 25c; by mail, 10c extra.

Write for prices by the bushel on Onion Sets.

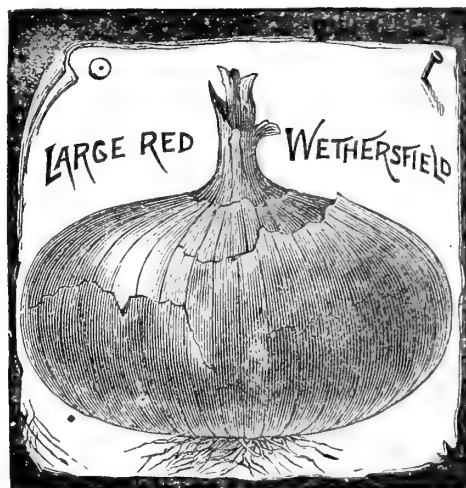
## ONIONS.

One ounce will sow 100 feet of drill. Four pounds to the acre.

**FULL-SIZED ONIONS THE FIRST YEAR.**—All the American seed we offer will grow full-sized onions the first year. To do this they should be sown as soon as possible in the spring. Sow thinly, four or five pounds to the acre, in drills one foot apart, and about one-quarter of an inch deep, in strong land, well manured, and thin out to stand three or four inches apart in the drills, keeping them well hoed and free from weeds.

**FALL SOWING.**—Seed can be sown in August and September, in drills wide enough apart to admit of working; when the plants have grown of sufficient size to be fit for table, use thin out to four inches apart.

The crop of onion seed was very short the past season and prices will rule high.



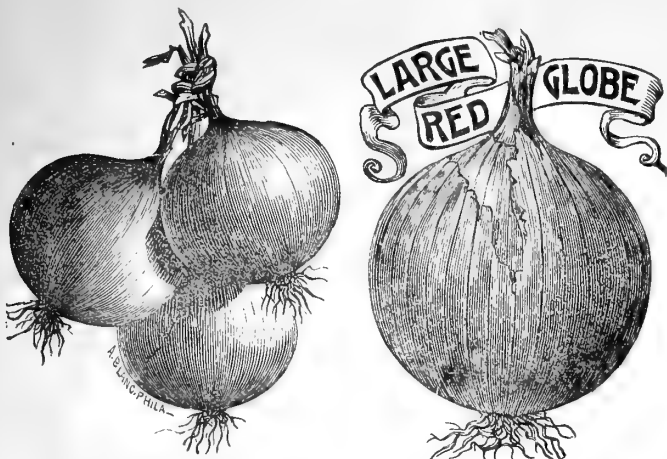
**Large Red Wethersfield.** This is the standard variety. Large size, skin deep purplish red. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.25.

**White Silverskin.** A silvery white onion of handsome appearance. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.75.

**Southport Large White Globe.** True globe-shaped; grows to a large size. Oz. 30c, 2 oz. 50c,  $\frac{1}{4}$  lb. 90c, 1 lb. \$3.25.

**Extra Early White Pearl.** The quickest growing of the white sorts; makes large, pearly white onions, tender, mild and of excellent flavor. Oz. 30c, 2 oz. 50c,  $\frac{1}{4}$  lb. 90c, 1 lb. \$3.25.





YELLOW DANVERS GLOBE.

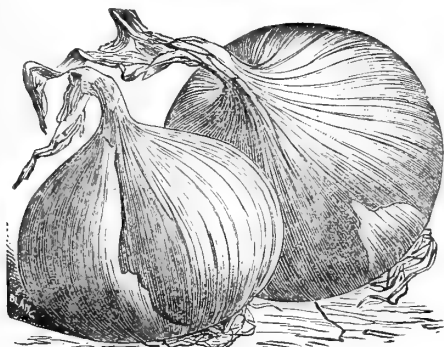
**Yellow Danvers Globe.** A very handsome, large, globe-shaped variety; very productive. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.25.

**Large Red Globe.** A large red, globe-shaped variety, and the best keeper. Oz. 25c, 2 oz. 45c,  $\frac{1}{4}$  lb. 85c, 1 lb. \$3.25.

### ITALIAN ONIONS.

These make very large onions and are generally sown in the fall, September, or can be sown in hot-bed in January and transplanted in March to open ground.

**Red Giant Rocca.** A very fine large variety, of globular shape, red skin; the market gardener's favorite. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.25.



GIANT RED ROCCA.

**White Mammoth Silver King.** Very large, and it is of attractive shape, with a very white skin. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 65c, 1 lb. \$2.50.

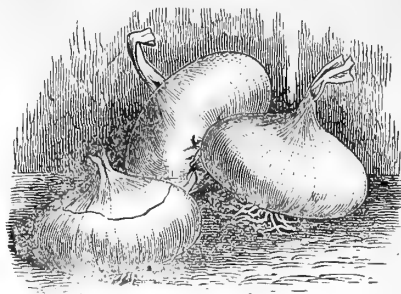
**True Red Bermuda Onion.** Of a rich blood red color, fine grained, mild and pleasant. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.75.

**White Marzajola.** A distinct variety, much used by our gardeners for bunching onions; the most rapid grower of this species. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 70c, 1 lb. \$2.50.

**Mammoth Pompeii Onion.** Another new Italian variety of enormous size; beautiful copper color; flesh pure white, fine grained and mild. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.25.

**Mammoth White Garganus.** A mammoth flat-shaped, silvery-white Italian variety. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 70c, 1 lb. \$2.50.

**Mammoth Red Garganus.** Grows to enormous size. A favorite variety with our market gardeners. Oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.25.



WHITE QUEEN ONION.

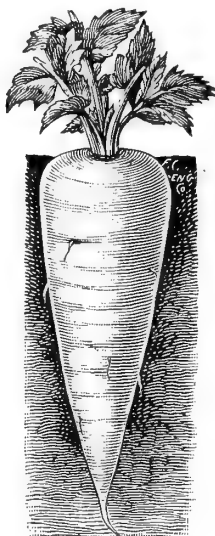
**White Queen Onion.** A beautiful small white onion excellent for pickle. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 70c, 1 lb. \$2.50.

### PARSNIP.

One ounce will sow 200 feet of drill; five pounds required for one acre.

**Culture.** Sow the seed early in the spring in rows fifteen inches apart, covering the seed half an inch deep; thin out the plants when well up, to five inches apart in the rows.

**Sugar, or Hollow Crown Parsnip.** Roots very long, white, smooth, tender, sugary, and most excellent flavor. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 50c.



SUGAR PARSNIP.

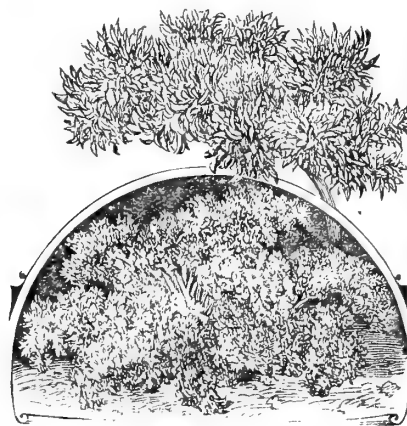
### PARSLEY.

One ounce will sow 150 feet of drill.

**Culture.** Sow early in the spring in drills a foot apart. The seed germinate very slowly, and sometimes two or three weeks will elapse before the plants will make their appearance. It often fails entirely in dry weather.

**Extra Dark Moss-Curled Parsley.** Beautifully curled and crimped, and extra dark green color. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 85c.

**Plain Parsley.** Dark green, better flavored for seasoning. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.



DOUBLE CURLED PARSLEY.

**Curled, or Double.** Leaves crimped or curled; used principally as a garnish for the table. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 75c.

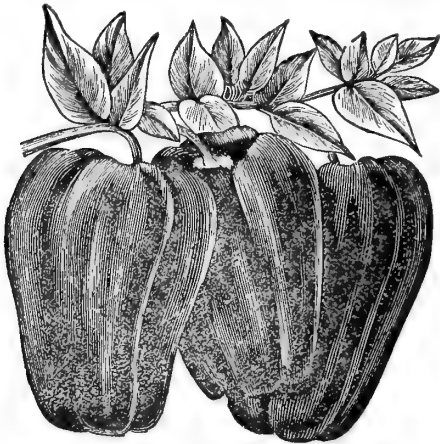
**BEATS ALL.** How well pleased the people are who have given our Seeds a trial. Have you tried them?



## PEPPERS.

One pound will produce 2,000 plants.

**Culture.** Sow early in spring in a hotbed, and transplant to the open ground as soon as the weather is warm and settled. The seed may also be sown in the open ground, but not until all danger of frost is past.



RUBY KING PEPPER.

**Mammoth Ruby King.** Pods grow four to six inches long by three to four inches thick; remarkably mild and pleasant to taste. Oz. 25c, 2 oz. 45c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.50.

**Long Red Cayenne.** Grows about four inches long; color bright red, strong. Oz. 25c, 2 oz. 45c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.50.

**Large Bell, or Bull Nose.** Of large size, flesh thick and pungent. Oz. 25c, 2 oz. 45c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.50.



MAMMOTH SWEET PEPPER

**Mammoth Sweet.** Very large, mild and sweet; fine for salad or used as mangoes. This variety is raised for us by one of our best gardeners and we know it is the largest sweet pepper of all. Packet 10c, oz. 25c, 2 oz. 50c,  $\frac{1}{4}$  lb. 90c, 1 lb. \$3.50.

**Red Chili.** Pods sharply conical, and exceedingly pungent when ripe.  $\frac{1}{2}$  oz. 25c, 1 oz. 40c.

## GARDEN PEAS.

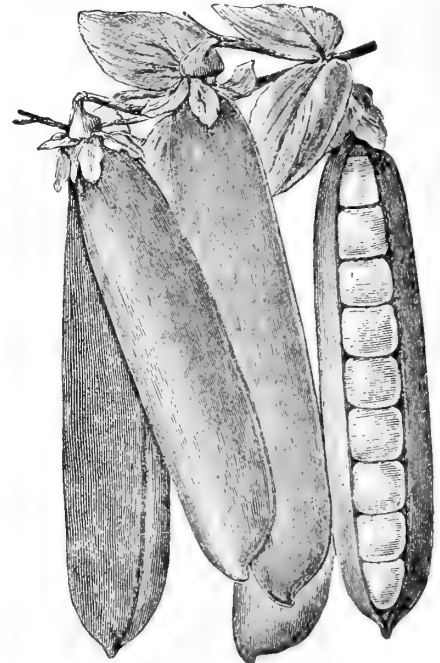
One quart to 100 feet drill;  $1\frac{1}{2}$  bushel to the acre.

*Express or freight charges always to be paid by the purchaser. If to be sent by mail, 15 cents per quart must be added to prepay postage.*

**Culture.** Peas for early crop should be planted in the spring as soon as the ground can be worked, in light rich soil. Fresh manures should not be used, as they have a tendency to cause the vines to grow too rank and tall.

### EXTRA EARLY VARIETIES.

**Extra Early Alaska.** Here is, no doubt, the market gardener's favorite for early shipping; extra early in ripening, and the pods hold their dark green color longer than any other sort; height, two feet; pods fine shape, dark green color, remarkably well filled. Pint 10c, quart 20c, 4 quarts 50c, peck 85c, bushel \$3.00; by mail, pint 20c, quart 35c.



EXTRA EARLY ALASKA PEA

**Extra Early Rural New Yorker.** Height, two and one-half feet; pods of fine shape, large, uniform in growth and ripening. Pint 10c, quart 20c, 4 quarts 50c, peck 85c, bushel \$3.00; by mail, pint 20c, quart 35c.

**Philadelphia Extra Early.** A very early and desirable sort; two and a half feet. Pint 10c, quart 20c, 4 quarts 50c, peck 75c, bushel \$2.75; by mail, pint 20c, quart 35c.

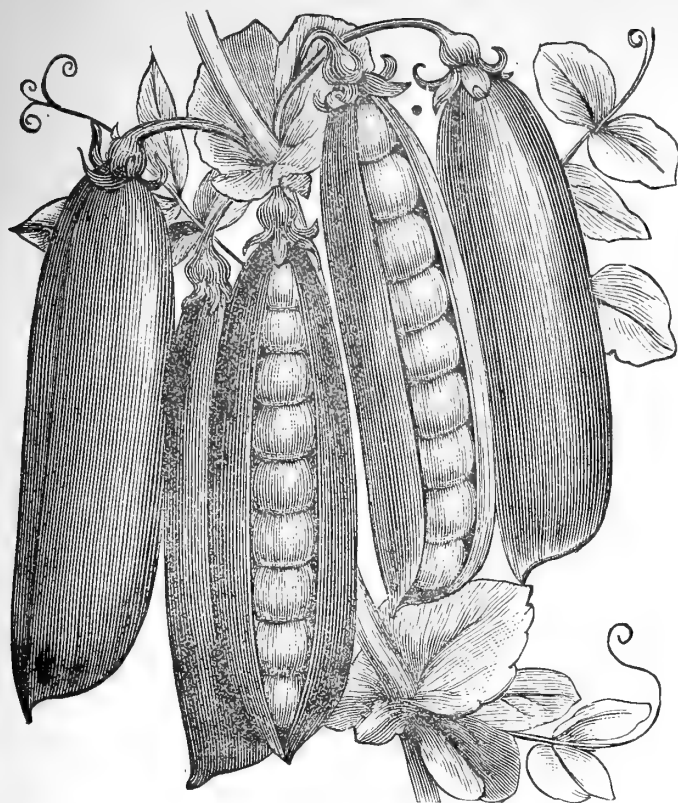
**Premier Extra Early.** One of the earliest varieties; two and one-half feet. Pint 10c, quart 20c, 4 quarts 50c, peck 75c, bushel \$2.75; by mail, pint 20c, quart 35c.

## Schwill's Kitchen Garden Collection PRICE, 50 CENTS.

Sent postage paid, to any address, upon receipt of price. At regular prices this would cost you \$1.00.

$\frac{1}{2}$ pint Peas, Extra Ea. Alaska.	1 pkt Parsnip, Sug. Hol. Crown.
$\frac{1}{2}$ pint Peas, Lg. White Mar'fat.	1 pkt Mustard, Sou. Giant Curl'd
$\frac{1}{2}$ pint Bunch Beans, Imp. Val.	1 pkt Radish, Ea. Scarlet Turnip
$\frac{1}{2}$ pint Pole Beans, Ky. Wonder.	1 pkt Radish, Ea. Long Scarlet.
1 pkt Beet, Early Blood Turnip.	1 pkt Squash, Early White Bush
1 pkt Cabbage, Ea. Flat Dutch.	1 pkt Spinach, Curled Savoy.
1 pkt Cucumber, Long Green.	1 pkt Turnip, Purple Top, S. L.
1 pkt Carrot, Im. Long Orange.	1 pkt Tomato, Acme Early.
1 pkt Collard, Georgia.	1 pkt Lettuce, White Cab. Head

No change allowed in the above collection.



EXTRA EARLY MAUD S. PEAS.

**Extra Early Maud S.** Height two and one-half feet, bearing abundantly large straight pods, well filled with peas of a superior flavor. It is also very uniform in ripening its pods, fully 90 per cent. can be taken at one picking. Pint 10c, quart 20c, 4 quarts 50c, peck 90c, bushel \$3.25; by mail, pint 20c, quart 35c.

**First and Best.** Extremely early, productive; two and a half feet. Pint 10c, quart 20c, 4 quarts 50c, peck 75c, bushel \$2.75; by mail, pint 20c, quart 35c.

**Nott's Excelsior.** (Wrinkled.) A cross between American Wonder and Advancer; grows 12 to 16 inches high, very hardy and vigorous; can be planted with safety in early spring with any smooth varieties, and will mature almost as soon, while the quality is far superior; pods very large and well filled with tender and fine flavored peas. Pints 15c, quart 25c, 4 quarts 75c; by mail, pint 25c, qt. 40c.

**New Extra Early Eclipse.** (Wrinkled.) The earliest wrinkled pea in cultivation. A new introduction, which has proved itself to be the earliest of wrinkled peas. The vines attain a height of two feet, and are very vigorous. The seed is green, wrinkled, smaller than American Wonder, and of most delicious flavor. The pods are similar to American Wonder in shape and size. Owing to its extreme earliness, great productiveness, small size of seed, delicious quality, and height of vine, it is destined to be the coming canning pea, as well as one of the most desirable sorts for truckers and family garden. Packet 10c, ½ pint 15c, pint 25c, quart 40c, peck \$2.50; by mail, ½ pint 20c, pint 35c, qt. 50c.

**Extra Early American Wonder.** (Wrinkled.) Of sweet and delicious flavor, growing from twelve to eighteen inches high. Pint 15c, quart 25c, peck \$1.25, bushel \$4.50; by mail, pint 25c, quart 40c.

**Extra Early Tom Thumb Dwarf.** Tender and of good flavor. Height, eight to twelve inches. Pint 15c, quart 25c, 4 quarts 75c, peck \$1.25; by mail, pint 25c, quart 40c.

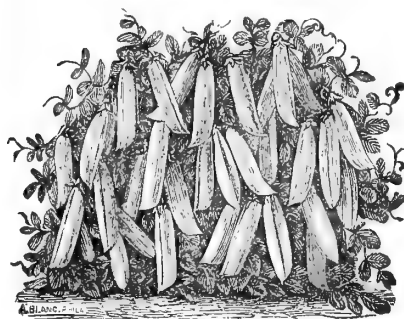
Do not overlook the business cards of some of our best merchants. Mention this Catalogue when writing to them.

## SECOND EARLY OR MEDIUM VARIETIES.

**Horsford's Market Garden** (Wrinkled) Grows 1½ to 2 feet high, very stocky; no variety exceeds it in productiveness; pods grow in pairs, each containing four to six peas of large size and of most excellent flavor; no better pea of its season. Pint 15c, quart 25c, 4 quarts 60c; by mail, pint 25c, quart 40c.

**McLean's Advancer.** (Wrinkled.) A very fine variety and exceedingly luscious in flavor; three feet. Pint 10c, quart 20c, 4 quarts 50c, peck 90c, bushel \$3.25; by mail, pint 20c, quart 35c.

**McLean's Little Gem.** (Wrinkled.) Second early; height fourteen inches. Pint 15c, quart 25c, 4 quarts 75c, peck \$1.25; by mail, pint 25c, quart 40c.



PRIDE OF THE MARKET.

**Pride of the Market.** (Wrinkled.) This is a strong growing variety which cannot be over praised, attaining a height of from fourteen to eighteen inches. Not only is it productive, but the pods are very large and handsome in appearance and very early. Pint 15c, quart 25c, 4 quarts 75c, peck \$1.25; by mail, pint 25c, quart 40c.

### Early Frame and Early May

The oldest standard varieties. Productive, tender, sweet and delicious, height about three feet. Pint 10c, quart 20c, 4 quarts 50c, peck 75c, bushel \$2.75; by mail, pint 20c, qt. 35c.

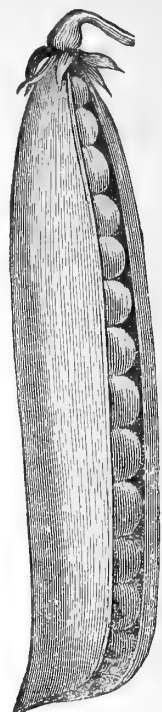
### Improved Dan. O'Rourke

The old popular variety. Pint 10c, quart 20c, 4 qts. 50c, peck 75c, bushel \$2.75 by mail, pt. 20c, quart 35c.

### Carter's Premium Gem.

(Wrinkled.) An improvement on the Little Gem. Pint 15c, quart 25c, 4 quarts 75c, peck \$1.25; by mail, pint 25c, quart 40c.

**New Everbearing.** (Wrinkled.) A variety maturing soon after the Gems, and continuing a long time in bearing. Vines stout, about eighteen inches high, bearing at top six to ten broad pods. Pint 15c, quart 25c, 4 quarts 75c, peck \$1.25; by mail pint 25c, quart 40c.



HORSFORD'S MARKET GARDEN.



NEW EVERBEARING PEAS.

**GARDEN PEAS, Continued.****LATE VARIETIES.**

**Duke of Albany.** (Wrinkled.) Vines about 3½ feet high, of stout growth, well loaded with very large straight thick pods filled with large dark green peas of sweet, excellent flavor; nearly the whole crop is ready for market at once, making a most desirable variety for the market gardener. It has been thoroughly tested in all parts of the country, giving grand results. Pint 15c, quart 25c, 4 quarts 60c; by mail, pint 25c, quart 40c.

**Telegraph.** Wrinkled.

A superior tall growing variety of immense productiveness, pods large with six or seven large peas, of the most delicious flavor. They combine all the essential qualities of the first class pea. Do not fail to try it. Market gardeners find this a good seller on account of its very large pods. Pint 15c, quart 25c, 4 quarts 60c; by mail, pint 25c, quart 40c.

**Champion of England.** (Wrinkled.)

Height, three to four feet; a good market pea. Pint 10c, quart 20c, 4 quarts 50c, peck 75c, bushel \$2.75; by mail, pt. 20c, qt. 35c.

**Large White Marrowfat.**

Similar to the Blackeyed in all its features, not quite so productive. Pint 10c, quart 15c, 4 quarts 35c, peck 60c, bushel \$2.25; by mail, pint 20c, qt. 30c.

**Large Blackeyed Marrowfat.** Vines vigorous, hardy and strong. A great cropper. Pint 10c, quart 15c, 4 quarts 35c, peck 60c, bushel \$2.25; by mail, pint 20c, quart 30c.

**EDIBLE PODDED SORTS.**

All edible podded varieties are used either shelled or cooked in the pods like string beans, and, when young, are very tender and sweet.

**Melting Sugar.** This new variety is ahead of all other Sugar Peas, not only in the size of pod and prolific bearing, but also for its delicious flavor. Sweet and tender. Half-pint 10c, pint 15c, quart 25c; by mail, half-pint 15c, pint 25c, quart 40c.

**PUMPKINS.**

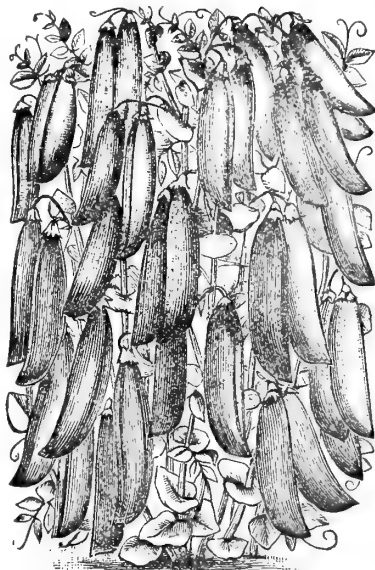
One pound will plant 200 to 250 hills; 4 to 6 pounds are required to plant one acre.

**New Japanese Pie**

**Pumpkin.** This remarkable variety, from Japan, has proven a valuable addition to our pie and cooking pumpkins. The flesh is **very thick**, of a rich salmon color, and very solid, the seed cavity being very small. Oz. 10c, 2 oz. 15c, ¼ lb. 30c, 1 lb. \$1.00.

**King of the Flame-moth.** Grows to an immense size. Oz. 10c, 2 oz. 15c, ¼ lb. 30c, 1 lb. \$1.

**Connecticut Field.** For field use, or planted in corn. Good keeper. Pt. 10c, qt. 20c; by mail add 5c per pint.



DUKE OF ALBANY.



JAPANESE PIE PUMPKIN.

**Cashaw Crook-neck.** Medium size; color light yellow, and is the best variety for table use. Oz. 10c, 2 oz. 15c, ¼ lb. 20c, 1 lb. 65c.

**Kentucky Large Yellow Field.** Is the common round variety cultivated by our farmers in their cornfields. Pint 10c, quart 20c, 4 quarts 65c, peck \$1.00; by mail, pint 15c, quart 30c.

**Tennessee Sweet Potato.** Similar to the common crooked neck squash. Oz. 10c, 2 oz. 15c, ¼ lb. 20c, 1 lb. 65c.

**POTATOES FOR SEED.**

IT PAYS TO CHANGE SEED.

**OUR PRICES.** The following prices are about what we think will rule for **good, straight, unmixed stock** for the coming season's planting, but if you received lower quotations before placing your order write us (it costs but a trifle), stating what you may want, and we will bid for your order.

**You may save dollars,** for we are usually in position to meet and frequently do better than many other firms when we are given an opportunity. We do not care to compete with irresponsible houses, who frequently do not know one potato from another.

*We shall be pleased to correspond with any one wishing to purchase in larger quantities than are quoted below.*

**SPECIAL INSTRUCTIONS.**

**Potatoes by Freight or Express** at barrel, bushel, peck and ½-peck prices. The buyer pays the freight or express charges. Our barrels contain two and three-fourths (2¾) bushels, **good measure.**

**All transportation charges must be paid by the buyer.**

**No potatoes sent C. O. D.**

We quote the following varieties subject to change of market. Write for our special figures on lots before buying elsewhere. We make a specialty of Seed Potatoes and know we can please you.

**BARGAIN COLLECTIONS OF SEED POTATOES.**

For customers wishing to try small lots of the new varieties of Seed Potatoes, we have made up a few collections on page 44, which will enable you to order a barrel of the different sorts at a low price.

**Bliss Red**

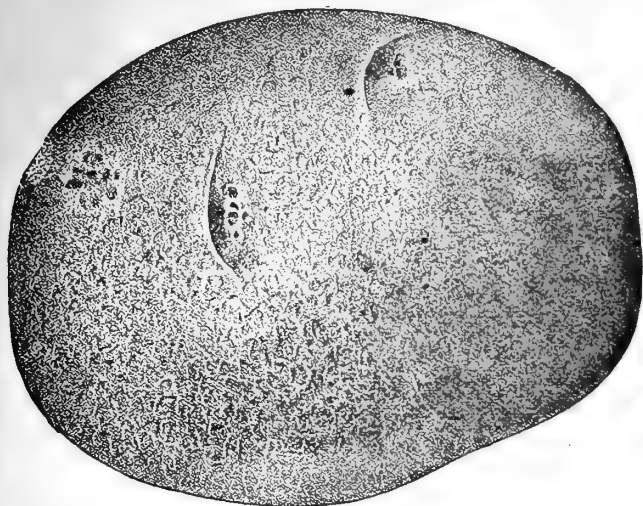
**Triumph.** The well known standard potato for market purposes; shape round, smooth and regular; good quality, and better suited to our Southern country than most any other sort; very early. Plant only the second crop or home grown seed. Price, ½ peck 30c, peck 50c. Bushel and barrel price on application.



BLISS RED TRIUMPH.

**Ohio, Jr.** Closely resembles the Early Ohio; more round and said to be more productive. A good keeper. ½ peck 35c, peck 60c. Bushel price on application.

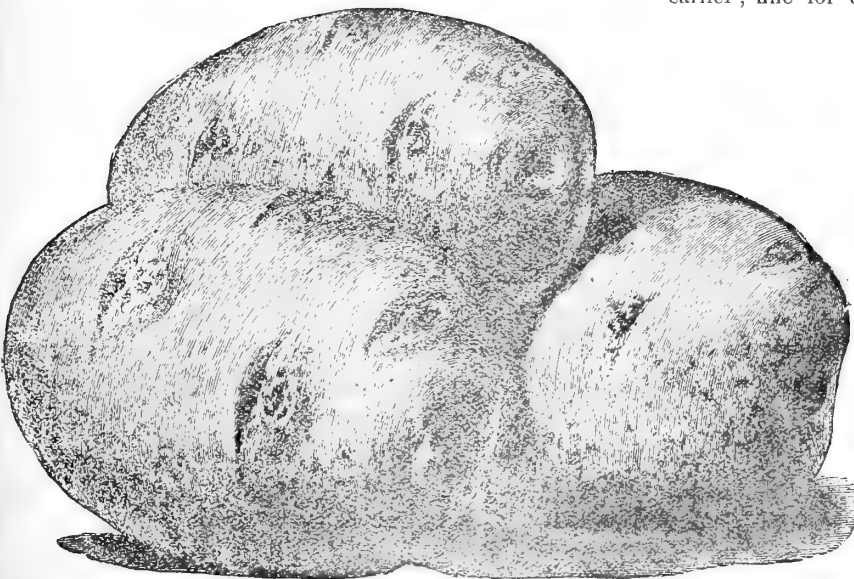
**Special prices cheerfully given to large buyers on extra early peas.**



EARLY HARVEST POTATO.

**White Triumph, or Acme.** Also a very early variety, maturing with the Red Triumph, but table quality far superior to that sort. Outside skin white, tubers good size and very prolific. We offer the genuine seed, second crop growth of this splendid potato.  $\frac{1}{2}$  peck 30c, peck 50c. Bushel and barrel price on application.

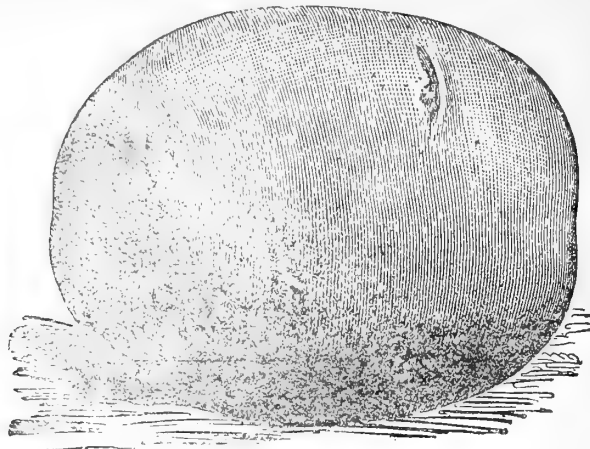
**Extra Early Ohio.** Two weeks ahead of the Early Rose and a special favorite both for market and home gardens; bring highest prices, maturing so early, and does well on any kind of land. We have the pure, genuine stock of this celebrated early variety.  $\frac{1}{2}$  peck 30c, peck 50c. Bushel and barrel price on application.



BANNER POTATO.

**Early Harvest.** A fine, very early white skin potato, maturing with the two Triumphs and just as hardy; table qualities unexcelled, with large size tubers. We have the second crop seed of this splendid new variety.  $\frac{1}{2}$  peck 40c, peck 75c. Bushel price on application.

**Early Rose.** We have the pure, genuine Early Rose seed. It is easy to get a Rose, but of late years to find the genuine old Early Rose has been hard to do. We have them this season—genuine.  $\frac{1}{2}$  peck 25c, peck 40c. Bushel and barrel price on application.



EXTRA EARLY OHIO.

**Banner Potato.** A splendid medium early variety, introduced by Livingston Sons, Ohio. Size large and desirable; skin is light cream color and very slightly russet in texture. The latter fact is always regarded as an indication of a fine table potato; follows the early sorts, thus making a fine sort for main crop for all purposes.  $\frac{1}{2}$  peck 35c, peck 60c. Bushel and barrel price on application.

**Maules Early Thoroughbred.** A seedling of the Early Rose, but out-yields that variety 3 to 1 and is ten days earlier; a most perfect potato of finest quality; pure seed from the originator.  $\frac{1}{2}$  peck 35c, peck 60c. Bushel price on application.

**Extra Early Six Weeks.** Resembles Early Ohio, evidently a seedling of that famous variety, but is two weeks earlier; fine for early marketing.  $\frac{1}{2}$  peck 40c, peck 75c. Bushel and barrel price on application.

**Crown Jewel.** Succeeds well in this section; skin and flesh almost white; vigorous grower and a good cropper; table qualities the very best.  $\frac{1}{2}$  peck 35c, peck 60c. Bushel price on application.

**Maggie Murphy.** A fine late potato and a perfect keeper; grows to very large size, smooth and regular; valuable for main crop.  $\frac{1}{2}$  peck 30c, peck 50c. Bushel price on application.

**Lee's Favorite.** Another good medium early potato; tubers are oblong, slightly flattened; skin light cream color, slightly russet, cooks white as snow, fine in quality.  $\frac{1}{2}$  peck 35c, peck 60c. Bushel price on application.



EXTRA EARLY SIX WEEKS POTATO.

We have also in stock the following standard varieties which are too well known to give description: **Empire State, Mammoth Pearl, Beauty of Hebron, Peerless and Burbanks.** Prices:  $\frac{1}{2}$  peck 25c, peck 40c. Bushel and barrel price on application.

Write us for prices on Potatoes by the bushel, barrel, and larger lots. We are in position to quote you special low figures.



# SCHWILL'S SPECIAL POTATO COLLECTIONS.

The very low prices quoted on the following collections are made mostly to introduce these new varieties and collections cannot be changed, must be ordered just as given, at prices named. We pack and deliver them free to R. R. depot here.

## \$1.00 Half Bushel Collection. \$1.00

Half peck each of the following 4 varieties, making a total of one-half bushel for \$1.00.

$\frac{1}{2}$  peck Maules Early Thoroughbred.  $\frac{1}{2}$  peck White Triumph  
 $\frac{1}{2}$  peck Early Harvest.  $\frac{1}{2}$  peck Banner.

## \$1.50 Bushel Collection No. 1. \$1.50

One peck each of the following 4 varieties, making a total of one bushel for \$1.50.

1 peck Ex. Ea. Six Weeks. 1 peck Banner.  
1 peck Lee's favorite. 1 peck Maggie Murphy.

## \$1.50 Bushel Collection No. 2. \$1.50

One peck each of the following 4 varieties; total, 1 bushel for only \$1.50.

1 peck Early Harvest. 1 peck Bliss Red Triumph.  
1 peck Extra Early Obios. 1 peck White Triumph.

## \$4.00 Barrel Collection No. 1. \$4.00

Three pecks each of the following 4 varieties; total, one barrel, 3 bushels for only \$4.00.

3 pecks Maules Early Thoroughbred. 3 pecks Early Obios.  
3 pecks Bliss Red Triumphs. 3 pecks Banner.

## \$4.00 Barrel Collection No. 2. \$4.00

Three pecks each of the following 4 varieties; total, one bushel for \$4.00.

3 pecks Ex. Ea. Six Weeks. 3 pecks White Triumphs.  
3 pecks Early Harvest. 3 pecks Maggie Murphy.

## FREE.

Any purchaser of either of the above **Barrel Collections** only, at prices quoted, may order any **one** of these **three** articles and it will be sent with the potatoes free of charge:

A Concave Potato Knife.

Book, New Potato Culture, by E. S. Carman.

Bag 25 lb. Acid Phosphate Potash Mixture for Potatoes

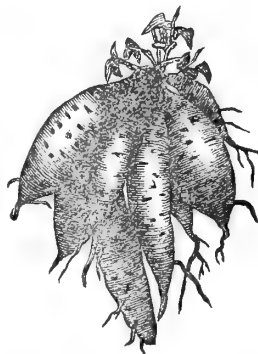
## SWEET POTATOES.

Special prices on large quantities.

**We have plants or slips of all varieties listed in season in any quantities. About 14,000 plants will set an acre. Write us for prices in season.**

### New Bunch Yam Potato.

With each year the popularity of this valuable yam sweet potato increases. Vines do not run, grow erect. Can be cultivated with a plow as easily as corn. As the potatoes bunch in the ground, will stand close planting. The Bunch Yam is fully six weeks earlier than the old-fashioned Yellow Yams and will make a larger number of bushels per acre than the old variety. In quality they are sweet and sugary, in every respect equal to the vining yams. Half peck 40c, peck 75c.



BUNCH YAM SWEET POTATOES.

**Yellow Yam.** The best for our Southern soil; very sweet; a favorite variety for all.  $\frac{1}{2}$  peck 30c, peck 50c.

**Southern Queen.** Especially adapted for rich land; heavy yielder and early.  $\frac{1}{2}$  peck 25c, peck 40c.

**Strasburg White.** The earliest of the white sort. The market gardener's favorite.  $\frac{1}{2}$  peck 30c, peck 40c.

**Red Brazilian.** Very early and of large size.  $\frac{1}{2}$  peck 40c, peck 75c.

Prices of Sweet Potatoes by the bushel and barrel will be furnished on application.

**MAKE YOUR HOME** cheerful and comfortable by planting a few of our beautiful Flowering Bulbs, Shrubs and Evergreens.

## RADISH.

One ounce to about 100 feet drill; 6 to 8 lbs. for an acre.

The soil for radishes should be very rich, light, mellow and well broken. For very early use sow in February, and at intervals of ten or twelve days for a succession. Can also be sown in the fall.

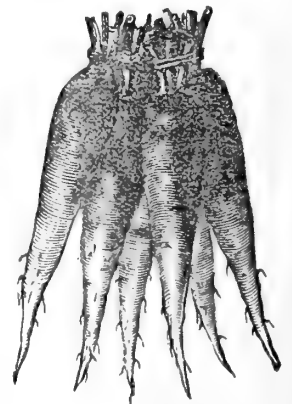
**Non Plus Ultra.** The earliest forcing radish in cultivation. Roots round, deep, rich red. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

### Long Brightest Scarlet

**White Tipped.** The brightest and handsomest scarlet color we have seen in any radish. Makes roots fit for use in about twenty-five days; flavor is very mild and market gardeners should use this for early planting as its color alone makes it sell; can be used either for forcing or planting out doors. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

**French Breakfast.** One of the best varieties; its form is oval; scarlet color, tipped with white. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

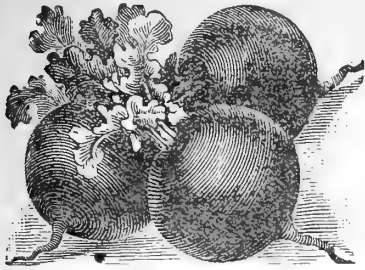
**Early Surprise Radish.** This is not only the earliest white radish, but the earliest of any color, good sized radishes having been pulled in from 15 to 18 days after sowing. The radishes are pure white, oblong, crisp and tender. The tops are small, which renders them suitable for forcing and admits of close planting. Very desirable. Packets 10c, oz. 15c, 2 oz. 20,  $\frac{1}{4}$  lb. 30c, 1 lb. \$1.00.



LONG BRIGHTEST SCARLET WHITE TIPPED

Please Write your Name and Postoffice Address Distinctly.





EARLY SCARLET TURNIP RADISH.

quick growth. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Early Scarlet Turnip, White Tipped.** A beautiful variety, deep scarlet, with white tip. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 60c.

**Early Scarlet Turnip.** The standard variety red turnip-shaped radish, with a small top and of very

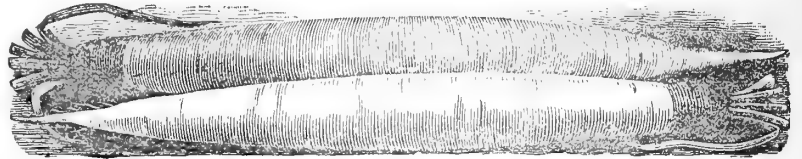
### Early White

**Turnip.** The same as the Red Turnip, excepting in color. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 60c.

### New White

**Strasburg.** A very desirable new summer radish. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

**Early Long Scarlet.** Short Top—This is the standard sort for gardens and market. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 55c.



MAMMOTH SANDWICH ISLAND SALSIFY.

## SPINACH.

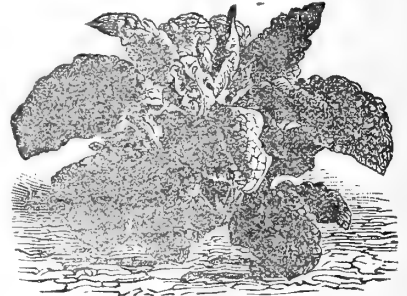
One ounce will sow fifty feet of drill; 8 to 10 lbs. to the acre.

**Culture.** For an early summer crop, sow early in the spring, in drills, one foot apart, and thin out to two inches in the row. For winter and early spring crop, sow either broadcast or in drills about the first of September, or later.

**Curled Savoy Leaved.** The hardiest of all varieties of spinach; the leaves are very numerous, succulent, curled and wrinkled like Savoy Cabbage. Oz. 5c, 2 oz. 10c,  $\frac{1}{4}$  lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, postage paid.

**New Victoria.** An excellent new sort, especially desirable on account of its dark green color. Fine for market use. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 50c, postage paid.

**New Long Standing Spinach.** One of the best varieties for spring sowing, as it stands fully two weeks longer than any other sort before running to seed. The leaves are large, thick and fleshy. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 50c.



CURLED SAVOY LEAVED SPINACH.

## SQUASH.

One ounce will plant 40 to 50 hills; three to four pounds to the acre. Sow about the middle of spring, in hills—the early sort about four feet apart and the late varieties six to eight feet.

**Fordhook.** An entirely distinct variety; very early, of rapid growth, remarkably prolific; the squashes are rather small, pear-shaped or oblong, ribbed, with a thin, light yellow skin; very thick, straw-colored, dry, and remarkably sweet flesh; seed cavity very small. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

**Mammoth White Bush, Scalloped.** An improved variety of the well-known White Bush Squash, growing 12 to 15 inches across; of uniform shape; of a beautiful white color. Very early and prolific. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

Remember our prices include postage paid on all seeds by the ounce, two ounces, quarter, half and one pound



SCARLET TURNIP, WHITE TIPPED.

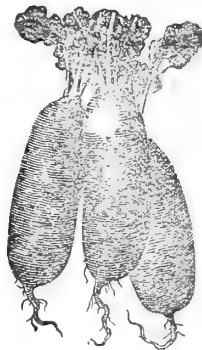
**Improved Chartier.** One of the most distinct varieties; color, scarlet at top, shading to pink at center and white at tip. It will keep crisp, tender and retain a mild and pleasant flavor. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

### FALL OR WINTER RADISHES.

**Rose Colored China Winter.** Of a lively rose color; flesh firm and pungent. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

**Spanish Winter Long Black.** Of very large size and firm texture. Store in sand in the cellar for winter use. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

**Spanish Winter Round Black.** Similar to the above, except in shape. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c.

CHINESE ROSE RADISH.  
(WINTER.)

## RHUBARB.

Cultivated for its leaf-stalks, which make delicious deserts, either as pies or stewed. It is wholesome, and should be grown in every garden.

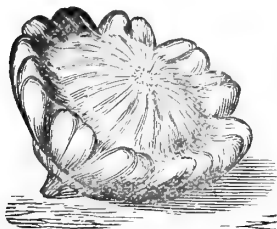
**Culture.** In April sow in drills in a shady or moist situation, and when a few inches high, thin out to 12 inches. The following fall transplant to a deep, well manured soil, four feet apart, and protect with manure or leaves. It may be more quickly grown by setting out the roots, covering the crown every fall with coarse manure. Do not gather any the first season, and never allow it to go to seed.

**Linnaeus.** The most desirable variety. Packet 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25.



RHUBARB.

**Rhubarb Roots.** 10c each, \$1.00 dozen. If to be mailed add 10c each for postage.

**SQUASH, Continued.**

EARLY WHITE BUSH SQUASH.

**Early White Bush or Patty Pan.** Is earlier than any other variety, of dwarf habit, very productive. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 75c.

**Yellow Summer Crookneck.** One of the best summer varieties; golden in color; flavor superior. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, 1 lb. 75c.

**The Hubbard.** As a winter squash it cannot be too highly extolled. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

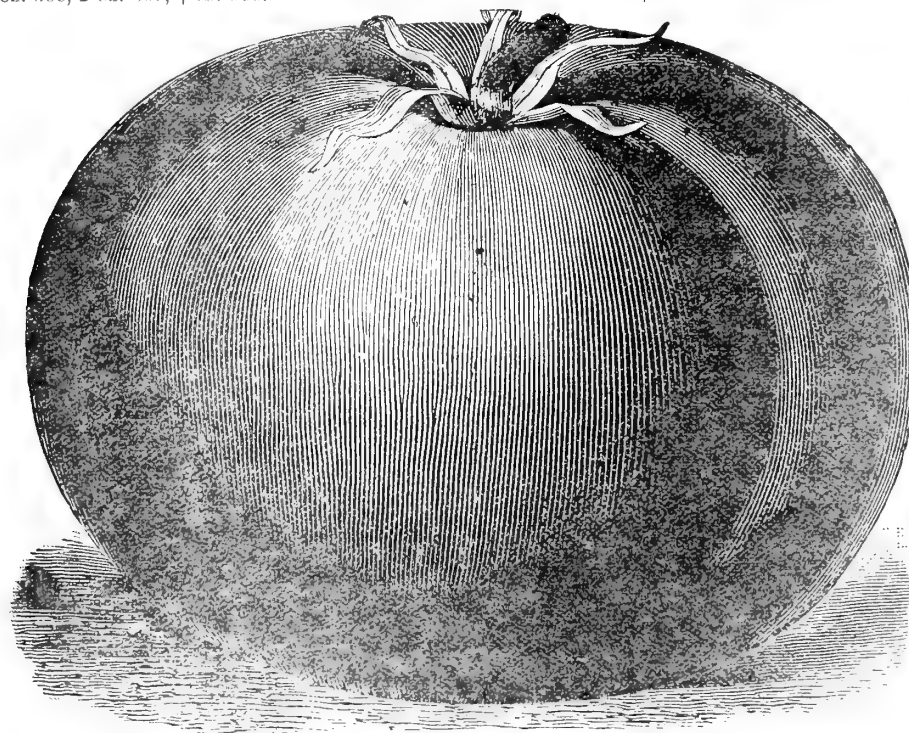
**Boston Marrow.** A good late variety; keeps well. Oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c.

**TOMATOES.**

One ounce will produce about 3,000 plants.

**Culture.** For early use, sow in January or February, in boxes or pots, and place near a window or a hotbed. When about two inches high, pick them out singly in small pots and nurse carefully in frames, and when the danger of frost is past, plant them out in a sheltered situation where they may have the full influence of the sun.

**Improved Stone.** A decided improvement on the New Stone, ripens more evenly to the stem without a crack; perfectly smooth and solid and holds its size, which is very large throughout the entire season. Packet 10c,  $\frac{1}{2}$  oz. 15c, oz. 30c, 2 oz. 50c,  $\frac{1}{4}$  lb. 90c.



IMPROVED STONE TOMATO.

**Imperial.** A splendid new purplish red sort; perfectly smooth, very solid and has very few seeds. It ripens evenly to the stem, is a strong grower and is not subject to cracks or blight. Although one of the earliest, it continues to bear large fruits till killed by frost. Packet 10c,  $\frac{1}{2}$  oz. 20c, 1 oz. 35c, 2 oz. 60c,  $\frac{1}{4}$  lb. \$1.00.



IMPERIAL TOMATO.

**Selected Early Acme.** Probably no one variety is so well known and generally cultivated throughout the United States, both for early and main crops. Fruit of medium size, perfect form, round, slightly depressed at the ends and very smooth (never rough); color, a glossy red, with purplish tinge.  $\frac{1}{2}$  oz. 15c, 1 oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c.

**Livingston's Perfection.** Is shaped like the Acme, larger, fully as early, perfectly smooth, blood-red in color.  $\frac{1}{2}$  oz. 15c, 1 oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c.

**Red and Yellow Pear Shaped.** The best variety for making preserves. Packet 5c,  $\frac{1}{2}$  oz. 20c, 1 oz. 35c.

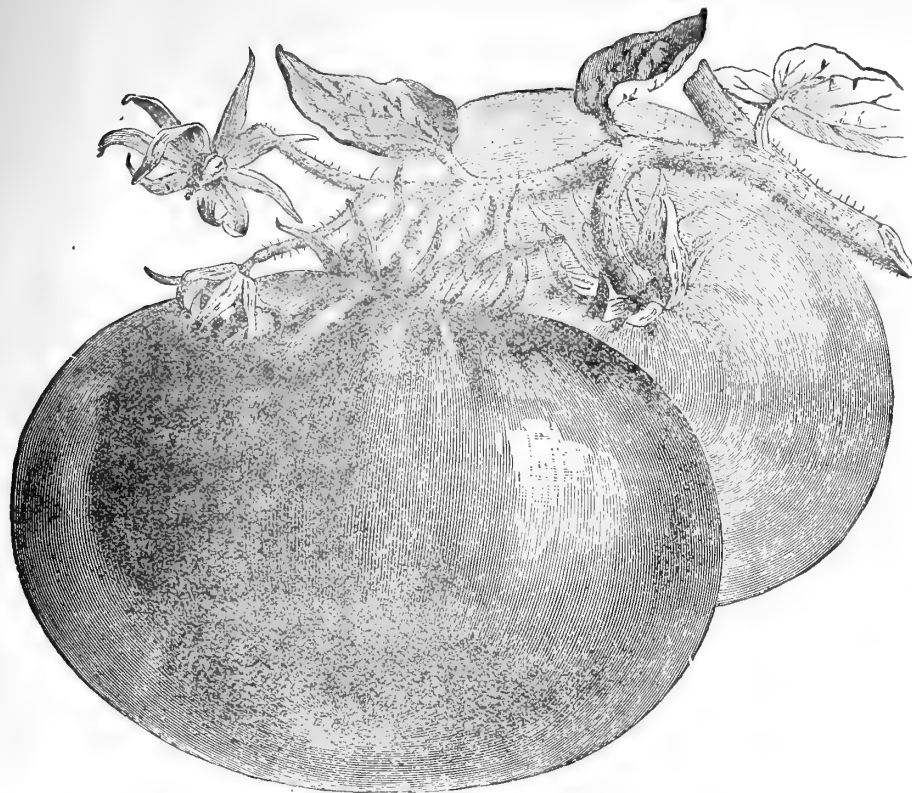
**Golden Queen.** A beautiful, clear yellow color, and perfectly smooth. Packet 5c,  $\frac{1}{2}$  oz. 20c, 1 oz. 30c.

**Selected Trophy.** Well-known; fruit large, smooth, of bright red color, solid and of good flavor. Oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 60c.

**Beauty.** An excellent variety of large size, beautiful appearance. The color is glossy crimson, with a slight purplish tinge; very solid some sorts in wet weather.  $\frac{1}{2}$  oz. 15c, 1 oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c.

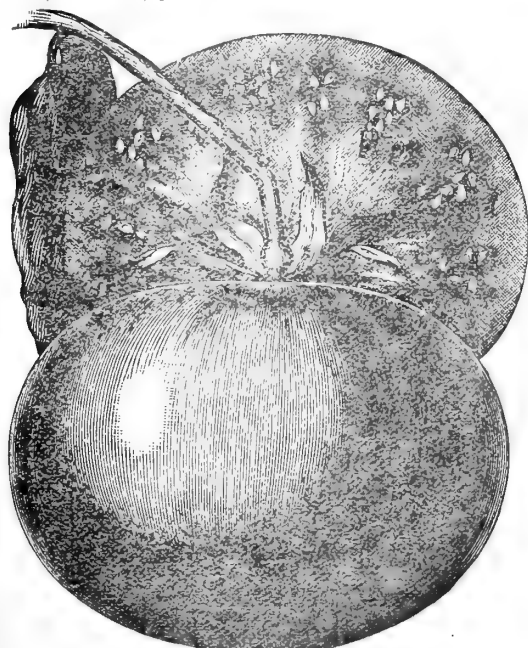
**Ponderosa Tomato.** This monster tomato is all solid meat; handsome variety, being uniformly large; of dark, rich crimson color and a delicious sub-acid flavor.  $\frac{1}{2}$  oz. 20c, 1 oz. 40c, 2 oz. 70c.

**IMPORTANT.**—Market gardeners, large planters and clubs who want SEEDS in large quantities, will SAVE MONEY by writing to us for SPECIAL DISCOUNTS.



NEW BUCKEYE STATE TOMATO.

**Buckeye State.** A very large, smooth, solid purple tomato, of extra good quality, unequalled in productiveness; fruit borne in large clusters. Is of uniform large size, fine color and smooth. Matures mid-season to late.  $\frac{1}{2}$  oz. 15c, 1 oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c.



NEW STONE TOMATO.

**New Stone.** As the name indicates, this is very solid and firm; large, of a bright scarlet color, and is a good keeper.  $\frac{1}{2}$  oz. 15c, 1 oz. 25c, 2 oz. 40c,  $\frac{1}{4}$  lb. 75c.

## TURNIP.

One ounce will sow 150 feet of drill; two pounds will sow an acre.

**Culture.** For early use, sow as soon as the ground can be worked in the spring. For succession, sow at intervals of a fortnight until the last week of July, from which time until the end of September sowing may be made for main and late crops.

**PRICES.** All the following varieties of Turnip Seed are sold in bulk at following prices except where noted. 1 oz. 5c, 2 oz. 10c,  $\frac{1}{4}$  lb. 15c, 1 lb. 35c, 5-lb. lots at 30c per pound. Sent prepaid by mail or express.

**Early White Flat Dutch, or Spring Turnip** (Strap-leaved). Size medium; white; of quick growth. For spring or fall.

**Large White Globe.** A fine, large, white turnip, of elegant flavor.

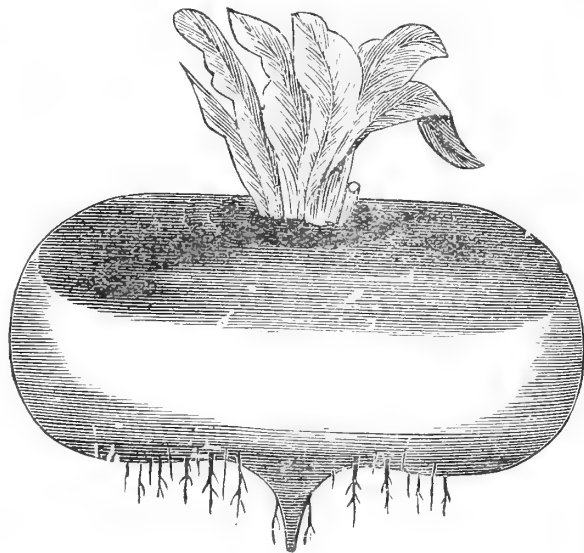
**Yellow Aberdeen Purple Top.** Bulb globular, purple above and deep yellow below; tender, sugary and solid.

**Improved Purple Top Yellow Ruta-Baga.** Our choicest stock and will be found equal to any from any source and under any name. Very productive, roots finely formed, very solid, beautiful orange color with purple top.

**Large Amber Globe.** This is a very beautifully formed yellow variety, quite productive, solid flesh and keeps well.

**Southern Seven Top.** A variety largely grown in the Southern States; the tops are used for greens.

**Large White Norfolk.** Large size; skin white below the surface, but sometimes greenish above. This is the most hardy variety we know of; will stand the hardest winters; it is strictly a winter turnip.



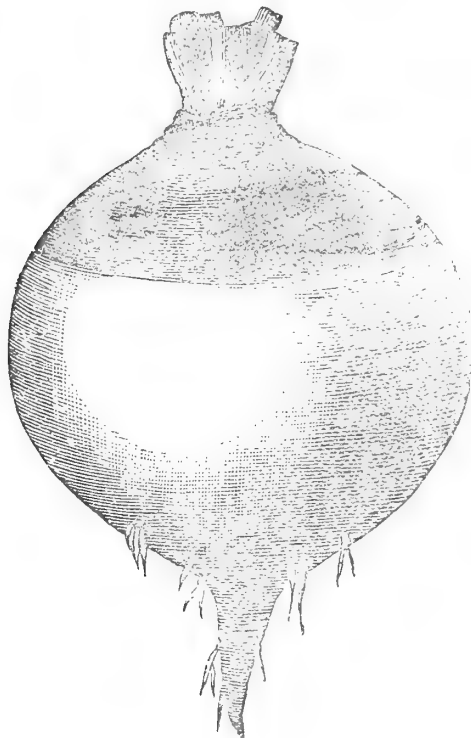
RED OR PURPLE TOP STRAP LEAF TURNIP.

**Early Red or Purple Top Strap Leaved.** More largely grown than any other turnip; will do well to sow either broadcast or in drills; forms good-sized bulbs in seven or eight weeks.

**TURNIPS, Continued.****Mammoth Purple-Top Globe.**

This is one of the most popular and largely cultivated turnips; early, large size; globular shape, very handsome and of superior quality; flesh pure white, with red or purple top.

**Extra Early White Egg.** A quick-growing, egg shaped, perfectly smooth, pure white variety. The flesh is very sweet, firm and mild, never having the rank, strong taste of some white varieties. Oz. 10c,  $\frac{1}{4}$  lb. 20c, 1 lb. 50c.



MAMMOTH PURPLE-TOP GLOBE TURNIP.

**TOBACCO SEED.**

**Culture.** A very clean piece of land is best for the tobacco crop, hence it is customary to burn a piece of land in the woods for a plant bed. This destroys grass, weeds and insects, adds fertility through the action of wood ashes, and leaves the ground in good order. The seed is sown in February. When the plants are large enough and weather is settled and warm, set the plants out in highly-manured or fertilized soil.

**Kentucky White Burley.** A favorite Western variety on account of its fine texture and flavor. Packet 5c, oz. 25c.

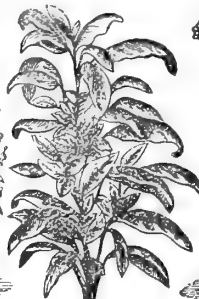
**Havana Seed Leaf.** Delightful flavor, long leaf. Packet 5c, oz. 25c.

**Remember our Premium offer on another page in this Catalogue. . .**

2,000 subscriptions to the COTTON PLANTERS JOURNAL given away FREE. Write for full particulars.



SWEET BASIL.



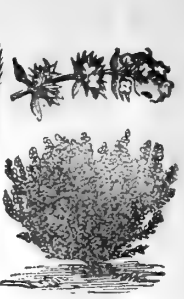
SAGE.



SWEET MARJORAM.



SUMMER SAVORY.



THYME.

**POT, SWEET AND MEDICINAL HERBS.**

Per packet 5c, or 3 packets for 10c.

Indispensable to the cook, useful in the sick room, and many kinds fine for perfuming clothing, etc. Herbs in general love a mellow and free soil. The chief points are to cut them on a dry day when not quite in full bloom and to dry them quickly in the shade.

**Anise.** Cultivated for its seeds and its leaves. The seeds have a fragrant, agreeable scent and a sweet and pleasant taste. Annual.

**Basil, Sweet.** The leaves and the tops of the shoots are the parts gathered, and are used for highly seasoned dishes, as well as in soups, stews and sauces. Annual.

**Catnip.** Has medicinal qualities; should be in every garden. Price, 10c packet.

**Coriander.** Its tender leaves are used for soups and salads. Seeds have a pleasant, aromatic taste. Annual.

**Dandelion.** The Dandelion resembles Endive and is sometimes cultivated for spring greens, or for blanching of salad. Annual.

**Dill.** A native of Southern Europe. The leaves are often used for culinary purposes. Annual.

**Lavender.** It is cultivated for its fragrant flowers, which are used for distilling Lavender water. Gather the flowers before they begin to fade. Perennial.

**Rosemary.** A native of the South of Europe. It is used in many diseases quite successfully.

**Sage.** The leaves are used for seasoning, stuffing, etc. Tea made from the leaves is an excellent sudorific. Perennial.

**Savory, Summer.** A native of Italy. Leaves much used for culinary purposes. They have a very agreeable flavor. Annual.

**Savory, Winter.** Leaves and young shoots are used in flavoring. Hardy. Perennial.

**Sweet Marjoram.** An aromatic of very sweet flavor; the leaves are used in soups, broths, etc. Biennial.

**Sorrel Broadleaved.** It is used in soups and salads, and is sometimes cooked as Spinach. Perennial.

**Sweet Fennel.** The seeds are used as a carminative; also medicinally. Perennial.

**Thyme.** It is a native of Greece. It is both a medicinal and culinary herb. Height six to eight inches. Perennial.

## Roses by Mail Prepaid by us to Destination, grown in 2-inch pots.

These roses are the same size and age as those we use for our summer-bloom every year. We have paid especial attention this year to this size. 20 plants for \$1.00, expressage prepaid.





**Special offer of Flower Seed in packets. We will send you, postage paid:**

3 5-cent packets, for.....10c	3 10-cent packets for.....25c
8 5-cent packets, for.....25c	7 10-cent packets for.....50c
17 5-cent packets, for.....50c	15 10-cent packets for...\$1.00
35 5-cent packets, for...\$1.00	Your selection.

## FLOWERS FOR EVERYBODY.

### 50-CENT POPULAR COLLECTION.

Consists of one packet each of Sweet Alyssum, Aster, Balsam, Candytuft, Dianthus, Convolvulus, Cypress Vine, Larkspur, Mignonette, Petunia, Pansy, Poppy, Phlox, Sweet Peas, Zinnia, Verbena, Sweet William, Gillia, Dwarf Nasturtium and Tall Nasturtium. Total, 20 packets for 50c.

### 25-CENT BARGAIN COLLECTION.

Consists of one packet each of Petunia, Cypress Vine, Eschscholtzia, Balsam, Phlox, Aster, Pink, Pansy, Mignonette, Sweet Peas, Zinnia, and Verbena. Total, 12 packets for 25c.

### 10-CENT TRIAL COLLECTION.

Consists of one packet each of Balsam, Candytuft, Pinks, Mignonette, Pansy and Sweet Peas. Total, 6 packets for 10c.

These collections are already put up and cannot be changed or divided. We pay the postage on all of them.

**Annual** Flowers are those that bloom the first season from seed and then perish.

**Biennials** do not flower generally until the second year and then die.

**Perennials** flower the second year and every year thereafter, and may be propagated by a division of roots. Some perennials flower the first season.

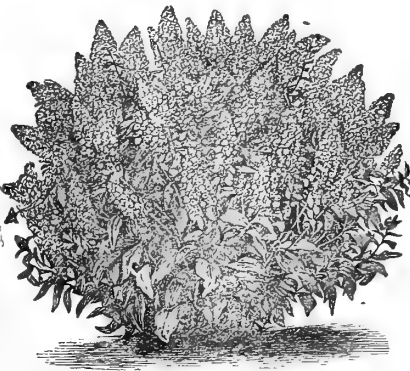
To have a successful flower garden, one must take pleasure in working and caring for the plants when they are young; and, most important of all, remember do not sow flower seed out doors until the ground gets warm.

#### Alyssum, Sweet.

A favorite flower; white, very fragrant and producing a succession of blooms. Height one foot. Hardy annual. Packet 5c.

**Alyssum, Little Gem.** New, very dwarf. Hardy annual. Packet 5c.

**Asters.** These beautiful and popular annuals are unrivaled for richness of display and profusion of flowers. Start the seed early indoors, or sow later in open ground. Tender annual. One and a half feet.



SWEET ALYSSUM.

**Comet Aster.** A beautiful and distinct class, bearing large double flowers, which look like a Japanese Chrysanthemum. All colors mixed. Per packet 10c.

**Victoria Aster.** One of the finest strains of all; very rich colors; perfectly double; very large. All colors mixed. Per packet 10c.

**Queen of the Market Aster.** A strong grower. The flowers are of largest form borne on long stems, and excellent for cutting. Per packet 10c.

**German Quilled Aster.** Fine; mixed. Packet 5c.

**China Aster.** A standard, well-known variety. Mixed. Packet 5c.

**Canterbury Bells** (Campanula). Effective for beds or pot culture. Flowers of many colors; large bell-shaped. Sow seeds early, in the open ground; cover lightly; thin or transplant to twelve inches. Hardy biennial. Mixed, all colors. Packet 5c.

**Balsam** (Touch-Me-Not, or Lady's Slipper). An old favorite, producing large masses of beautiful, brilliant colored flowers in the greatest profusion. Tender annuals. Height eighteen inches. Double mixed. Packet 5c.

**Bachelor Buttons** (Gomphrena). A well-known hardy everlasting flower, forms bushy plants two feet in height. Hardy annual. Mixed, all colors. Packet 5c.

**Cannas.** A highly ornamental species of plants, producing large spiked flowers of rich colors; will bloom first season from seed, if sown early in boxes indoors and transplanted in May. Soak seed in hot water for twelve hours; they will germinate better. Tender perennial. Crozy's finest dwarf mixed. Per packet 10c.

**Candytuft.** Among the most useful of perfectly hardy annuals, produces neat clusters of flowers very freely. Mixed. Packet 5c.

**Calliopsis** (Coreopsis). Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Annual; two feet; mixed. Per packet 5c.

**Centaurea Cyanus** (Corn Bottle). A hardy annual of the easiest growth; height two to three feet. Choice mixed. Packet 5c.

**Columbine** (Aquilegia). A free-flowering, hardy plant. Hardy perennial; two feet. Finest mixed, all colors. Packet 5c.

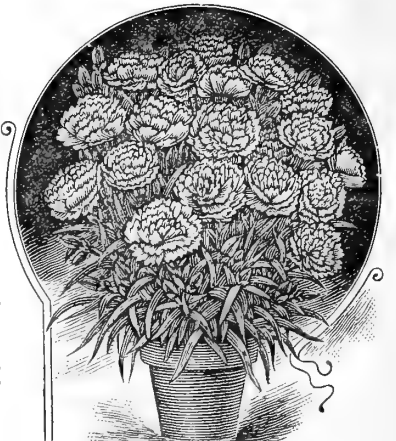
**Collinsia.** Very pretty plants, blooming in whorls and several whorls around each flower stem. Hardy annuals; 1½ feet. Mixed. Packet 5c.

#### Carnation Marguerite.

A beautiful free flowering race of carnations, that with ordinary care will be in full bloom in 4 months after sowing the seed. The flowers are of brilliant colors, of fine form and large size. Half hardy perennial. Height, 18 inches. Mixed, per packet 10c.

**Clarkia.** The Clarkia is held in great estimation in Europe. Hardy annual, 1½ feet high. Mixed. Per packet 5c.

**Cosmos.** Of very rapid growth and makes large bushes fully 4 feet high, which are a mass of elegant blooms. Hardy annual; 4 feet high. Finest mixed hybrids. Packet 5c.



MARGUERITE CARNATION.

**Centranthus.** The flowers are small and borne in clusters, and are excellent for bouquets or other floral work. Hardy annual; 18 inches. Mixed colors. Per packet 5c.

**Double Daisy.** (*Bellis Perennis*.) Every one knows the Daisy. Sow seed very early. Plant about 6 inches apart. Tender perennial 6 inches high. Double mixed. Packet 10c.

**Forget-Me-Not.** (*Myosotis*.) The Forget-Me-Not is an old favorite plant, bearing clusters of star-shaped, delicate blue flowers with white and yellow eyes. Hardy perennial; 6 inches high. Per packet 5c.

**Foxglove.** (*Digitalis*.) A handsome and highly ornamental, hardy perennial plant, of stately growth; 3 feet and hardy perennial. All colors, mixed. Packet 5c.

**Gaillardia.** Makes very showy plants 1 to 2 feet high. Annual. Mixed. Per packet 5c.

**Godetia.** Beautiful hardy annuals, remarkable for the delicacy of their fine, large blossoms. Mixed. Packet 5c.

**Gilia.** A profuse blooming and dwarf annual for massing in flower beds; plants grow 6 to 12 inches high. Mixed. Per packet 5c.

**Heliotrope.** A half-hardy perennial, flowering the whole season with its delightful perfume. Seeds sown in the spring make fine plants for summer blooming. Fine mixed varieties. Packet 10c.

**Hollyhock.** For a background to a flower garden perhaps no plant is so useful. Hardy perennial; five feet high. Double mixed. Per packet 10c.

**Larkspur** (*Delphinium*.) The Larkspur is one of the most free blooming plants, and for large gardens invaluable. Double Dwarf Rocket; mixed. Hardy annual; ten inches high. Packet 5c.

**Lupinus.** Splendid ornamental plants, with long, graceful flower spikes of rich and varied colors, valuable for mixed borders. Hardy annual; two feet high. Mixed varieties. Packet 5c.

**Lobelia.** A charming genus of dwarf plants, with blue and white flowers. Half hardy annual; one foot. Fine mixed. Packet 5c.

**Sweet Mignonette.** A well-known hardy annual, producing dense semi-globular beads of exceedingly fragrant flowers; one foot. Packet 5c, oz. 15c.

**Mignonette Machet.** Well adapted for pot culture; dwarf-pyramidal growth. Packet 5c.

**Marigold.** An old garden favorite, of easy culture and varied colors of flowers. Hardy annual. Double French mixed. Packet 5c.

**Nemophila** (*Love Grotte*). Of neat, compact habit; blooming freely all summer. Hardy annual; one foot. Mixed. Packet 5c.

## NASTURTIIUM.

Well-known profuse flowering plants; easily grown and can be sown in the spring just as soon as the ground gets warm. The dwarf variety is used principally for bedding and the tall sort for trellises, rock work, etc. A favorite in all sections. Hardy annuals.

### DWARF VARIETIES.—Height, 1 foot.

**Empress of India.** Bright crimson. Packet 5c.

**Aurora.** Variegated and striped. Packet 5c.

**Lady Bird.** Yellow and Red. Pkt. 5c.

**Golden King.**—Golden 5c.

**King of Tom Thumb.** Scarlet. Packet 5c.

**Crystal Palace Gem.** Yellow and crimson. Pkt 5c.

**Mixed.** All shades. Packet 5c, ounce 10c.



DWARF NASTURTIIUM.

### TALL OR CLIMBING VARIETIES.—Height 6 feet.

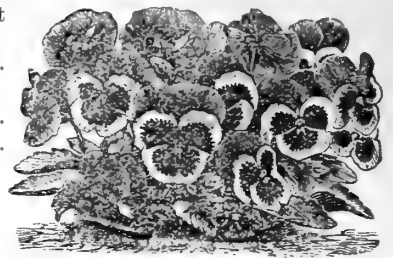
**Blood Colored.** Pkt 5c.

**Orange.** Packet 5c.

**Rose.** Packet 5c.

**Scarlet.** Packet 5c.

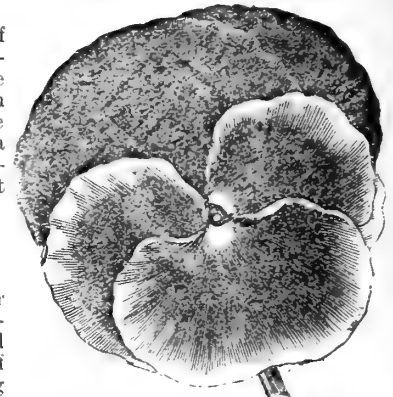
**Mixed,** all shades. Packet 5c, ounce 10c.



MIXED PANSY.

## Mixed Ornamental Grasses.

Our own mixture of seed. No more welcome present can be given to a visitor when looking through the flower garden than a bunch of these Ornamental Grasses. Pkt 5c.



EXTRA LARGE FLOWERED PANSY.

## Pansies.

May be sown either in the fall in the hot-bed, or in open ground in early spring. If sown in the spring get them in as early as possible to secure flowers during the early rains and before hot weather. Our mixed strains comprise an endless variety of colors and markings, from a light straw to a deep black stripes and blotches. Hardy biennials; 8 inches high.

**Choice Mixed.** Packet 5c.

**Extra Large Flowered Mixed.** Packet 10c.

## PINKS.

**Dianthus.** This family of pinks is unrivaled for brilliancy and rich variety of color. They make showy beds, blooming all summer. Height one foot. Hardy perennial.

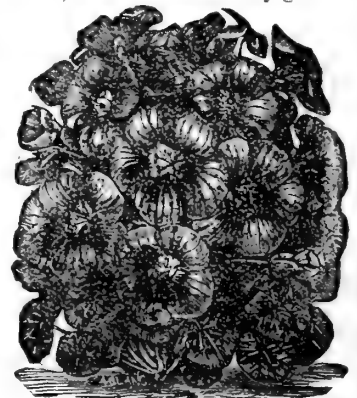
**China, Double Mixed.** Beautiful clusters of dainty, double flowers; magnificent colors. Packet 5c.

**Imperial, Double Mixed.** Very regular and double, and of a great variety of colors. Packet 5c.

**Chinese White, or Grass Pink.** A well-known hardy sort, as fragrant as Carnations; should be in every garden. Pure white. Packet 10c.



DOUBLE IMPERIAL PINK.



PHLOX DRUMMONDII.

**Portulaca, or Rose Moss.** There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued brilliant-colored Portulacas. They thrive best in a rather rich, light loam or sandy soil. **Single Mixed,** packet 5; **Double Mixed,** packet 10c.

**Phlox Drummondii.** For a splendid mass of colors and a constant display, this is not excelled by any other annual. The seed may be planted in the open grounds in May, or in hotbed or house earlier, and afterwards transplanted to where wanted. Give good, rich ground, and set plants eight to ten inches apart each way. Hardy annuals.

**Mixed**, all sorts, packet 5c.

**Snowball**, pure white, packet 10c.

**Petunias.** Are unsurpassed, if indeed equaled, for massing in beds. Their richness of color, duration of bloom and easy culture will always render them welcome and popular. Be careful not to cover the small seeds too deeply. Hardy annual; 1½ feet high. **Single Mixed.** Packet 5c.

**Double Fringed Mixed.** Packet 25c.

## POPPIES.

Showy and ornamental plants with large flowers with brilliant colors. Very attractive in large beds, clumps and mixed borders; two feet. Hardy annual. Can be planted as early as February or March.

**Double Mixed Carnation Poppy.** Splendid double flower; mixed colors. Packet 5c.

**The Shirley.** This beautiful, new single Poppy runs in colors from purest white through the most delicate shades of rose, pink and carmine to deep crimson. Packet 10c.

**California Poppy.** The large, handsome flowers, two inches or more in diameter, are yellow, orange and white, and are produced in profusion. Mixed. Packet 5c.

**Pæony Flowered.** Mixed, very showy, rich in color. Packet 5c.

**Ricinus** (Zanzibariensis, mixed). These plants are cultivated for the stately, picturesque, and highly ornamental character of their growth and foliage. Hardy annual. Pkt 5 cents.

**Salpiglossis.** The shape and size of the flower is somewhat similar to the Petunia and embraces a great variety of rich colors. Fine mixed. Packet 5c.

**Salvia.** (Scarlet Sage.) One of the most beautiful of all flowers. The brilliant spikes of scarlet measure 10 to 12 inches in length, and are produced in the greatest profusion. *Salvia splendens* mixed. Packet 10c.

**Snaptagon.** (*Antirrhinum*.) This old favorite should have a place in every garden. Hardy annual. Height 1 foot. Dwarf mixed. Packet 5c.

**Stocks** (*German Ten Weeks*.)—(*Gillyflower*.)—The Ten Weeks Stocks are exceedingly valuable plants, producing an abundance of flowers of various colors and tints, and of the most delicate fragrance. Half hardy annual; 8 to 10 inches high. Packet 5c.

**Sweet Rocket.** A splendid free blooming flower, showy and very sweet scented. Hardy annual; 2 feet. Packet 5c.

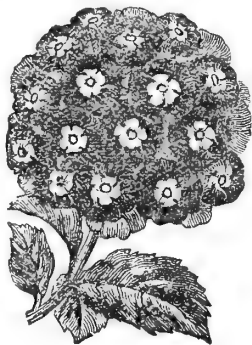
**Sweet Sultan.** A handsome annual with fragrant flowers. Their fragrance and habit of growth adapt them finely for bouquets. Hardy annual; height 2 feet. Packet 5c.

**Sweet William.** For display in the garden the Sweet William is unsurpassed. Hardy perennial; one and a half feet high. Packet 5c.

**Sunflower, Double California.** Very showy double flowers. Packet 5c.

**Violet.** The violet should not be wanting in any garden, on account of its fragrance and early appearance. Hardy perennial; height four inches. Packet 10c.

Our stock of Fertilizers will be found complete. Special prices on large lots.



VERBENA.

**Vinca** (Periwinkle). Free-flowering perennials, with glossy green foliage and beautiful circular flowers; one and a half feet. Mixed colors. Packet 5c.

**Verbena.** No plant is more generally cultivated than the Verbena. They flower perfectly well from seed sown in the spring. Half-hardy perennial. Choice mixed, packet 5c; **Extra Large Flowered, mixed**, packet 10c.

**Verbena, Scarlet Defiance.** Bright, fiery scarlet color; very showy. Packet 10c.

**Wallflower.** Well-known, deliciously fragrant garden plants, blooming early in the spring. Half-hardy perennial. Mixed. Packet 5c.

**Double Mixed Zinnias.** No flowers are more easily grown from seed sown in the open ground, and few bloom so continuously throughout the entire summer. Hardy annual. Packet 5c.

**Whitlavia.** Fine bell-shaped flowers, growing freely and effectively for bedding. Hardy annual; one foot. Mixed. Packet 5c.

## Climbers and Ornamental Vines.

**Balloon Vine.** A rapid-growing and ornamental summer climber; white flowers; seed vessels like small balloons. Hardy annual. Packet 5c.

**Balsam Pear Cucumber.** A most useful and ornamental vine. Packet 5c.

**Cypress Vine, Mixed.** Tender climbing annual; eight feet. Packet 5c.

**Canary Bird Flower.** Half-hardy annual; twelve feet; yellow flowers. Packet 10c.

**Cobea** (*Scandens*). A very rapid climber, often attains thirty feet in season; although a perennial, it bears its blue-shaped flowers the first season from seed. Half-hardy perennial. Packet 10c.

**Hyacinth Climbing Bean, Mixed.** Quick climber; twenty feet. Packet 5c.

**Japan Hop** (*Humulus Japonicus*). An exceedingly rapid grower; fine for trellises or verandas. Hardy annual. Packet 5c.

**Clematis** (*Virgin Bower*). Rapid-growing climbers. Soak the seed in warm water twenty-four hours before sowing. Hardy perennials; twenty feet. Packet 5c.

**Gourds.** Mixed varieties, of all shapes. Packet 5c.

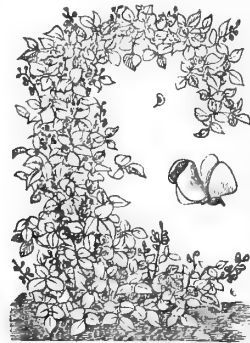
**Gourds, Dipper.** Useful and ornamental. Packet 5c.

**Gourds, Nest-Egg.** Bears fruit resembling eggs; a useful plant. Packet 5c.

**Gourds, Dish Rag.** A natural dish rag; very easy grown. Packet 5c.



MORNING GLORY.



HYACINTH CLIMBING BEANS.

**Japanese Imperial Morning Glory.** This splendid new strain is a most valuable addition to our list of climbers. The plants are vigorous and of quick growth. The flowers are of immense size and of a wonderful variety of colors; do not fail to try them. Packet 5c.

**Moon Flower Evening Glory.** A most wonderful climber, grows 30 to 40 feet in a single season, and is covered in the evening or on cloudy days with beautiful white blooms of large size. Soak the seed in warm water for twelve hours, then plant in boxes indoors. After the plants are vigorous and strong plant outdoors after danger of frost is over. Packet 10c.

**Morning Glory, Mixed.** Handsome, showy climber, very hardy. Packet 5c.

**Thunbergia.** Very ornamental climbers and abundant bloomers; five feet. Mixed colors. Packet 5c.

**Scarlet Runner.** Running flower beans; 15 ft. Pkt 5c.

**Nasturtium, Tall Mixed.** Fine for trellises and rustic work; free bloomers. Packet 5c.

**Sweet Peas, Mixed.** Very popular on account of their beautiful flowers. Packet 5c, oz. 10c, 2 oz. 15c, ½ lb 25c.

**Passion Flower.** Very ornamental climbers and abundant bloomers. Half-hardy annual; ten to fifteen feet. Packet 5c.

## SWEET PEAS.

There is no flower grown that is more popular, or that is more admired by all, than the Sweet Pea, with its dainty colors and delicate perfums. For cutting, for bouquets, vases, corsage and buttonhole wear, none but the rose can compare with them. To succeed best they should be sown as soon as the ground can be worked in the spring; cover the seed from four to five inches, and when well up given brush or strings to support them. They commence to bloom early, and if the flowers are picked as soon as they fade, will continue to bloom all summer. If allowed to form seed they will soon stop flowering and die down. Hardy annual.

### SWEET PEAS IN MIXTURES.

**Choicest mixed Sweet Peas,** 63 distinct varieties, comprising all shades of light, dark and striped varieties of the very best strains, and will furnish flowers to the astonishment of every beholder. Large packets 5c, or 3 packets for 10c; bulk, per oz, 10c, 2 oz. 15c, ¼ lb. 25c, ½ lb. 40c, 1 lb. 75c, postage paid.

### SWEET PEAS IN SEPARATE COLORS.

Price 5c per packet or 3 for 10c; 8 packets for 25c; 17 packets for 50c; 40 packets for \$1.00; your own selection, sent postpaid to any address on receipt of price.

**Bulk prices for following named varieties:** Oz. 10c, 2 oz. 20c, ¼ lb. 30c, 1 lb. \$1.00; postage paid.

## SCHWILL'S STAR COLLECTION.

12 Papers Assorted Flower Seeds for only 25 cents.

We will send, postpaid, to any address, one paper each of the following flower seed upon receipt of price:

Asters, China, Mixed.	Cypress Vine, Mixed.
Sweet Alyssum.	Petunia, Single, Mixed.
Nasturtium, Dwarf Mixed.	Pink, China, Double, Mixed.
Mignonette, Sweet.	Phlox Drummondii, Mixed.
Pansy, Mixed.	Sweet Peas, Mixed.
Poppy, Carnation, Mixed.	Verbena, Mixed.

### PURE WHITE AND WHITE GROUNDS.

**Blanche Burpee.** Superb; pure white; immense size; perfect form.

**Butterfly.** White, shaded and edged with blue; large.

**Emily Henderson.** Splendid; pure white; very early.

**Mrs. Sankey.** Large flowered; white; one of the best.

### SHADES OF MAUVE.

**Princess May.** Pale lavender; most beautiful new variety.

**Countess of Radnor.** Standard; delicate lavender; wings dark mauve; lovely.

**Dorothy Tenant.** Standard; rosy mauve; wings blush mauve.

**Emily Eckford.** Porcelain blue, suffused with reddish mauve.

### SHADES OF BLUE.

**Captain of the Blues.** Bright purple and pale blue.

**Imperial Blue.** Blue and mauve.

**Purple Prince.** Dark blue.

### SCARLET AND CRIMSON.

**Cardinal.** Crimson on scarlet; very fine.

**Carmine Invincible.** Bright carmine.

**Red Riding Hood.** Rosy pink, shading to blush white at the calyx; fragrant; very fine.

**Duchess of Edinburgh.** Scarlet, flushed with crimson.

**Fire Fly.** Standard; fiery scarlet; wings crimson scarlet.

**Novelty.** Scarlet; orange tinted.

**Red Stripe of America.** Deep blood red stripes on white ground.

**Splendor.** Coppery crimson, suffused with rosy pink; very rich.

**Scarlet Invincible.** Fine; standard scarlet variety.

### STRIPED, FLAKED AND CLOUDED SORTS.

**Aurora.** Bright orange salmon; striped and flaked; flowers very large.

**Captain Clarke.** White, flushed with carmine; wings edged with blue.

**Delight.** White, softly suffused with carmine.

**Duchess of York.** White, suffused with pink.

**Fairy Queen.** White, flushed and feathered with pink.

**Gaiety.** Standard white; striped rosy lilac; wings blush.

**Isa Eckford.** Creamy white and rosy pink.

**Lottie Eckford.** Rose and white, edged with blue.

**Mrs. Jos. Chamberlain.** White, striped and flaked with bright rose.

## Seeds for Merchants. . . . .

Merchants will find our regular line of Seeds, which are put up in papers to retail an attractive packet to sell. Our papers contain as much seed as those of some houses whose price is higher. Our seeds are easy to sell because they are well known. The wide reputation we have for selling the very highest and best quality of seeds will be found fully sustained in our packet seeds. Merchants' sales would be largely increased by selling ours. We make low price to those who buy in quantity.



**Painted Lady.** Good pink and white.

**Princess of Wales.** White, striped lavender and mauve.

**Queen of the Isle.** White and red striped; mottled.

**Romona.** Fine creamy white, splashed and flaked with soft pink.

**Senator.** Chocolate and creamy white; mottled and blotched.

#### MAGENTA, CLARET AND MAROON.

**Boreatton.** Crimson purple; very dark; large flowers.

**Duke of Clarence.** Rosy claret; large flowers.

**Indigo King.** Maroon purple standard; indigo blue wings.

**Purple Striped.** White striped, with dark purple and maroon.

**Stanley.** Deep maroon; fine form.

#### YELLOW AND APRICOT.

**Lady Beaconsfield.** Salmon standard; tinted rose; wings pale yellow.

**Lemon Queen.** Blush pink and lemon; very beautiful.

**Mrs. Eckford.** White, delicately shaded.

**Primrose.** Pale, delicate yellow.

**Mikado.** Orange, cerise ground, striped white.

#### ROSE AND WHITE.

**Blanche Ferry.** Large pink and white flowers; very early, free flowering.

**Blushing Beauty.** Soft pink, suffused with lilac; extra large.

**Apple Blossom.** Bright rosy pink, wings blush, large.

**Duke of York.** Bright rosy pink standard; primrose wings; tinted white.

**Eliza Eckford.** Pale rose flaked, with deeper rose.

**Empress of India.** Rosy pink standard, white wings.

**Countess of Aberdeen.** White, margined with pink; beautiful.

**Her Majesty.** Beautiful soft rosy pink, very large flowers.

**Katherine Tracy.** Both standard and wings, brilliant pink, very fine; new.

**Lady Penzance.** Beautiful bright rose; very large flowers.

**Meteor.** Bright orange salmon standard, wings light pink.

**Miss Hunt.** Carmine salmon and soft pink.

**Mrs. Gladstone.** Delicate soft pink, with blush wings.

**Oddity.** Pink edged and laced with rose, oddly curled edges.

**Orange Prince.** Orange pink, flushed with scarlet.

**Ovid.** Standard and wings rosy pink, margined rose.

**Peach Blossom.** Salmon pink standard, wings soft pink.

**Princess Beatrice.** Delicate blush pink, marked with deeper shades.

**Princess Louise.** Rosy pink standard, wings deep lilac.

**Rose and White.** Fine rose, shade white.

**Venus.** Salmon buff standard, shaded delicate pink.

**Vesuvius.** Carmine rose, shading to velvety violet.

#### DOUBLE SWEET PEAS.

As yet only about one-half will produce doubles, it being a very difficult task to change the habit of the Sweet Pea to double form, and the result so far by hybridization at best is only semi-double flowers.

**Double Sweet Peas.** Mixed. Packet 5c, oz. 10c, 2 oz. 20c,  $\frac{1}{4}$  lb. 30c.

#### NEW DWARF SWEET PEAS.

These charming new sorts only grow 6 to 12 inches in height making a dwarf, compact plant, spreading over an area 12 to 15 inches; flowers of good substance and very fragrant.

**Dwarf White Cupid.** Pure white flowers. Packet 5c, oz. 15c, 2 oz. 25c.

**Dwarf Pink Cupid.** A beautiful shade of pink. Packet 10c, oz. 25c.

## SUMMER FLOWERING BULBS.

### DWARF FRENCH CANNAS.

A fine foliage plant; rapid grower, producing large trusses of beautiful flowers from early summer to late in autumn. Height three to five feet.

**Queen Charlotte.** Rich crimson scarlet, with heavy gold border on every petal; three feet. Each 15c, \$1.00 per dozen; by mail, 5c each extra.

**Florence Vaughan.** Very fine, golden yellow, spotted with deep scarlet; three feet in height. 15c each, \$1.00 per dozen; by mail, 5c each extra.

**Chas. Henderson.** Fine crimson color, compact and uniform; 3 $\frac{1}{2}$  feet high. Each 15c, dozen \$1.00; by mail, 5c each extra.

**Paul Marquant.** Flowers bright salmon scarlet, passing to rosy carmine; foliage dark green; 3 to 3 $\frac{1}{2}$  feet. 15c each, dozen \$1.50; by mail, 5c each extra.

**Madam Crozy.** Flowers dazzling scarlet, bordered with golden yellow; four feet high. 15c each, \$1.00 per dozen; by mail, 5c each extra.

**Italia.** Leaves musa-like, almost upright, bright green, white bordered; spikes gigantic, about sixteen inches long, with a number of flowers, which are very large, with petals measuring about four to five inches, of scarlet color, with a broad yellow border. Each 15c, dozen \$1.50, by mail 5c each extra.

**Alphonse Bouvier.** Rich crimson; foliage deep green; six to seven feet. Each 15c, dozen \$1.00; by mail, 5c each extra.

**Rose Unique.** The nearest approach to a rose color yet introduced; a vigorous, but dwarf grower; three and one-half feet. Each 15c, dozen \$1.50; by mail, 5c each extra.

### DAHLIA.

**Double Dahlias.** We have them in all colors—yellow, scarlet, crimson, white and variegated. Price, each 20c, dozen \$2.00; by mail, 10c each extra.

## Sweet Peas. . . .

Our list comprises 66 of the best varieties named sorts. We will send you postage paid the entire lot for \$1.30, one packet each, or you can select 40 packets for \$1.00, and in addition we will add free 1 packet each White and Pink Cupids.

## Seeds Retail

At wholesale prices. Get your neighbors to order with you. Tell of the great bargains we are giving. While cotton is so low we are going to divide our profits with you.

**GLADIOLUS.**

Beautiful spiked flowers comprising all imaginable colors.



GLADIOLUS.

- White and Light Shades.** Dozen 35c.  
**Red and Scarlet Shades.** Dozen 30c.  
**Striped and Variegated Shades.** Dozen 40c.  
**Yellow and Orange Shades.** Dozen 50c.  
**Mixed, all Shades.** Dozen 25c.



DWARF PEARL TUBEROSE.

**Double Dwarf Pearl Tuberoses.** Flowers very double and large. Our bulbs can be relied on as sure bloomers. Prices, 3 for 10c, per dozen 25c, per 100 \$1.50. If wanted by mail, add 15c dozen.

We call attention to the business cards of several of our solid merchants, and cheerfully recommend them to our friends and customers. Write to them for what you want in their line, and mention this catalogue.

**Caladium Esculentum.** (Elephant's Ear.) A splendid foliage plant, large bulbs. Each 15c; per dozen \$1.25; by mail, 25c each.

**LILIES.**

The lily is a favorite flower everywhere. Select a well-drained spot, dig the soil deep, and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size.

**Lilium Auratum.** Flowers pure white, thickly studded with crimson spots, while through the center of each petal runs a clear, golden band; very hardy; the best outdoor lily. 20c each; by mail, 25c.

**Speciosum Album Præcox.** White, slightly rose-tinted; perfectly hardy. 25c each; by mail, 30c.

**Speciosum Rubrum.** Rose, spotted with crimson. 20c each; by mail 25c.

**Lilium Melopemene.** Dark red blooms; very large. Each 20c; by mail, 25c.

**Lily of the Valley.** No garden is complete without a few clumps of these fragrant flowers, which are such universal favorites as to need no description. Strong clumps, 40c each; by mail, 50c.

**AMARYLLIS.**

**Belladonna.** White, tipped with rose. Each 20c; by mail, 5c extra.

**Longiflora Alba.** Pure white; very large flower. Each 20c; by mail, 5c extra.

**Vegetable Plants in Season**

Grown by us from our very  
Best Seed Stock. . . .

**Cabbage Plants.** All the standard varieties. Per 100 35c, per 1,000 \$2.50.

**Cauliflower.** Best Early Snowball. Per dozen 20c, per 100 \$1.00.

**Tomato Plants.** All the standard varieties. Per dozen 15c, per 100 75c.

**Tomato Plants.** Transplanted, strong, in pots. Per dozen 25c.

**Egg Plants.** Best Improved N. Y. Purple. Per doz. 25c.

**Egg Plants.** Transplanted, strong, in pots. Per doz. 35c.

**Pepper Plants.** All sorts. Per dozen 25c.

**Pepper Plants.** Transplanted in pots. Per dozen 35c.

**Lettuce Plants.** All kinds. Per 100 25c, per 1,000 \$2.00.

**Celery Plants.** All kinds. Per 100 35c, per 1,000 \$2.50.

**Beet Plants.** All kinds. Per 100 25c, per 1,000 \$2.00.

**Italian Onion Plants.** Per 100 25c, per 1,000 \$2.00.

**Sweet Potato Plants.** Bunch or Vineless Yam. Per 100 35c, per 1,000 \$3.00.

**Sweet Potato Plants.** All other kinds. Per 100 25c, per 1,000 \$2.00.

ORDERS FILLED PROMPTLY IN SEASON.

Prices of Grass and Clover Seeds given in our Catalogue are subject to fluctuation of the market, but purchasers can depend on getting them at market price, and we will send as much seed as the money received will pay for.

# CLOVER AND GRASS SEEDS.

## RECLEANED AND NEW CROP.

As the market on Clover and Grass Seed is continually fluctuating, we cannot give prices by the bushel, our catalogue being printed before the season opens. Write for special prices when you are ready to buy. Terms strictly cash or satisfactory reference.

**Postage.**—Remit in addition, 10 cents per pound, and 15c per quart, except on light varieties, which do not weigh over 14 pounds per bushel, on which remit 5 cents per quart additional to prepay postage.

### Lucerne, or Alfalfa Clover.

This is one of the most valuable clovers we have, gives four or five successive cuttings, beginning early, of valuable hay during every summer; it is best suited to rich, sandy lands, roots penetrate to great depth, hence no drouth hurts it. When once set it will last a lifetime. Cut it as often as you find it grown; do not let it stand to bloom. Weighs 60 pounds to bushel. Sow in fall or spring, 12 to 15 pounds per acre. February has proved a very successful season for us here. 1 lb. 15c, peck \$1.50; by mail, 25c lb. Write for prices by the bushel.



ALFALFA OR LUCERNE CLOVER.

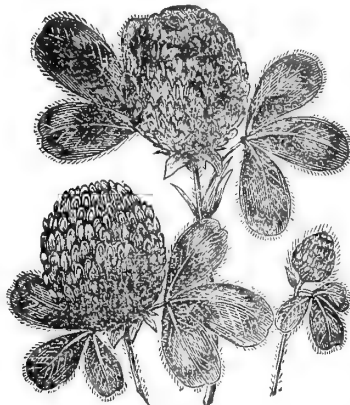
**Japan Clover** (*Lespedeza Striata*). An annual, but perpetuates itself when once set. While it does best on lime soil, it will also do well on red clay hills, where Red Clover will fail. Weighs twenty pounds to bushel. Sow in fall or spring, one bushel to acre. 1 lb. 30c. 4 lbs. \$1.00; by mail, 40c lb.

**White Clover.** Should be introduced in all mixtures for permanent pastures, and when required in lawns; 60 lbs. to the bushel. Sow 6 lbs. to an acre. 1 lb. 30c; by mail, 40c pound.

**Scarlet, Crimson or German Clover.** As an improver of the soil, and for an early summer forage or hay crop, no more valuable seed is known to us. Can be sown South as late as the last of October, and is ready to cut in April. Does well sown in the spring during March or April. It makes a splendid pasture all during winter, being very hardy. Sow at the rate of 15 lbs. to the acre. 1 lb. 15c, peck \$1.00; by mail, 25c per pound. Bushel price on application.

**Mammoth, or Peavine Clover.** This variety is different from the common red, being a more vigorous grower; will do well on poor, thin soil, where the Red Clover will not grow. Sow 10 lbs. per acre. 1 lb. 15c, 10 lbs. for \$1.00, peck \$1.75; by mail, 25c lb. Bushel price on application.

**Alsike, or Hybrid Clover.** Almost equal in nutritive value to the Red or Peavine clover. Five pounds to an acre; 60 pounds to the bushel. 1 lb. 20c, peck \$1.75; by mail, 30c lb. Bushel price on application.



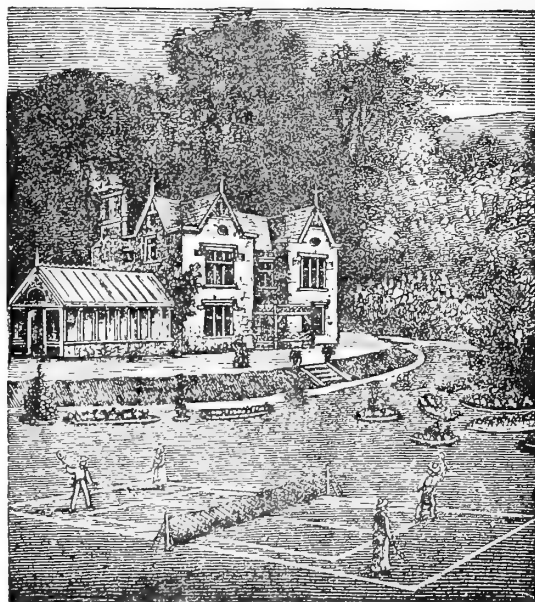
RED CLOVER.

**Red Clover.** This is the leading variety of clover, and is more cultivated for hay, pasture, and as an enricher of the soil than any other. Will do more to improve impoverished lands, and with less expense, than any other plant. It should be sown alone, or with grain, in the fall or early spring months, and is frequently used in combination with Orchard Grass or Red Top, as they flower and are ready to cut about the same time. Weighs 60

pounds to bushel. Ten pounds will seed an acre. Best re-cleaned seed. Per lb. 15c, 10 lbs for \$1.00, per peck \$1.50; by mail, 25c lb. Bushel price on application.

## GRASS SEEDS.

**Emerald Lawn Grass.** Composed of the best varieties of grass seeds, especially adapted to produce a permanent, thick, heavy carpet-like lawn. We use only the very best re-cleaned seed; and is equal to any variety sold under any name; 16 pounds to a bushel. For new lawns, use 2 to 3 bushels of seed; for renewing old lawns, sow 1 to 2 bushels. One pound seed will plant 20x30 feet. Lb. 30c, 4 lbs. \$1.00, bushel \$3.00; by mail, 40c lb.



SOWN WITH EMERALD LAWN GRASS SEED.

**Timothy.** This is the most valuable of all grasses for hay. Thrives better on moist, loamy soils of medium tenacity. Sow early in the spring or fall, at the rate of 15 pounds per acre. 1 lb. 10c, peck 50c; by mail, 20c per lb. Bushel price on application.

**Kentucky Blue Grass.** (Fancy cleaned.) The famous grass of Kentucky. For lawns it has no superior, giving that peculiar rich shade of bluish-green so much admired in the best lawns; also making a very close, velvety turf. Sow two bushels per acre. Weighs 14 pounds to the bushel. Per pound 20c, peck 50c; by mail, 30c lb. Bushel price on application.

**Perennial Rye Grass.** Is considered quite valuable, as it affords pasture quite early in the spring. Sow in early spring at the rate of 1 to 1½ bushels per acre. Weighs 20 lbs. to the bushel. Per lb. 15c, peck 60c; by mail, 25c lb.

**Rhode Island Creeping Bent Grass.** A valuable grass for lawns; of quick successive growth. Perennial. Sow 20 pounds to the acre. Weighs 12 pounds to the bushel. Per lb. 35c; by mail, 45c lb., postage paid.

**Rescue Grass.** Thrives in most any soil; grown largely in Texas. Four or five green crops can be cut in a year. Sow 20 pounds to the acre. Per lb. 35c, 10 lbs. for \$3.00; by mail, 45c lb.

**Herds Grass, or Red Top.** An excellent grass; thrives on any good soil; especially suited to low, damp ground. Furnishes good grazing and hay, and particularly desirable for early spring grazing; weighs 14 pounds to the bushel. Sow in fall or spring 1½ bushels to the acre. If sown with Red Clover, which makes a splendid pasture, use one bushel Herds and seven pounds Red Clover. Pound 10c, peck 25c; choice quality; by mail 20c per pound. Bushel price on application.

**Fancy Clean Herds Grass.** Free from chaff, perfectly clean and pure. Weighs about 30 pounds to the bushel; use 5 or 6 pounds per acre. Per lb. 20c, 10 lbs. for \$1.80, 20 lbs. for \$3.00; by mail 30c lb.

**Meadow Fescue, or English Blue Grass.** This is excellent for hay; also one of the best grasses for permanent pasture on a great variety of soils. Sow 20 to 30 pounds to the acre. Weighs 20 pounds to bushel. Per lb. 15c, peck 60c; by mail, 25c pound.

**Tall Meadow Oat Grass.** Producing an early and luxuriant growth; this is a valuable variety for pastures. Also valuable as a soiling crop. Sow 20 to 30 pounds to the acre. Per lb. 25c, 10 lbs. for \$2.00; by mail, 35c pound.

**Our Special Pasture Grass Mixture.** To obtain the best results for pasture we advise sowing the different varieties mixed, which yield both grazing for summer and winter. Our mixture consists of Orchard and Herds Grass, Meadow Fescue, English Rye Grass, Creeping Bent Grass, Tall Meadow Oat Grass and Timothy. In addition to this, but of course having greater weight, and should be sown separately, can be added about five pounds of Red Clover, which is worth 15c per pound; sow 1½ bushels of our mixed grass to the acre. Weight 14 pounds to the bushel. 1 lb. 15c, peck 50c, bushel \$1.65, 3 bushels for \$4.50, 5 bushels for \$7.00; by mail, 25c pound.

## Write for Special Prices

By the bushel on large lots of Grass Seed and Clover. We are in position to make close figures on them.

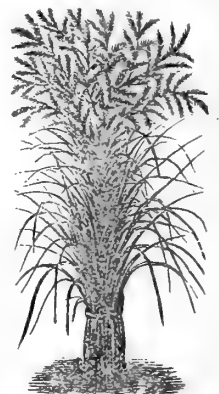


ORCHARD GRASS.

were sweet potatoes. Is almost ineradicable. Do not let it go to seed; it spreads if you do. Twenty-five pounds to a bushel. 1 lb 20c, peck 75c; by mail, 30c lb. Bushel price on application.

**Sweet Vernal Perennial.** Is very fragrant, especially when bruised. For a mixture with other grasses for lawns or pasture it is quite valuable. 14 lbs. to a bushel. Per lb. 40c; by mail 50c lb.

**Bermuda Grass.** Almost everybody living in this section of the country knows this grass; it is planted as a lawn grass, and nothing will stand the sun better, or will make a prettier carpet, when kept short, than this grass. It is also very valuable as a pasture and hay grass. Five to six pounds will sow an acre. Should be planted in April or May, but can also be sown later. Under the most favorable circumstances it takes from 20 to 25 days to sprout; requires damp weather and hot sun; but when once up it grows very rapidly. As a pasture grass, Bermuda cannot be excelled by any other known variety; there is no other that can be considered as valuable. Oz. 15c, ¼ lb. 40c, 1 lb. \$1.25; by mail, 1 lb. \$1.35, post paid.



JOHNSON GRASS.  
(SORGHUM HALPENSE)

## Field and Miscellaneous Seeds.

**New Velvet Beans.** A new forage plant, highly esteemed in Florida, where it originated. The greatest value of the Velvet Bean is in the enormous mass of vegetable matter which it produces, which is very rich in nitrogen, making a most valuable soil, improving crop. The vines grow so rank it is almost impossible to turn them under while green and it is advisable to leave the vines until after frost kills them, when they can be turned under for a green manuring crop. If you have a patch of Bermuda grass you wish to eradicate entirely plant in June with Velvet Beans. Plant in rows two feet apart one foot in the row. Vines grow 20 to 30 feet long; no special culture is necessary. Price of seed: Packet 10c, pint 20c, quart 35c, peck \$1.00; if wanted by mail, packet 10c, pint 25c, quart 45c, postage paid.

**A Nice Lawn** Easily and cheaply made by sowing our seed, EMERALD LAWN MIXTURE.



**Canada Field Peas.** Highly valuable for an early hay crop; can be sown in February or March with a small quantity of oats to hold them up. Sow broadcast  $1\frac{1}{2}$  bushels per acre. Weighs 60 pounds to the bushel. Quart 10c, peck 40c, bushel \$1.40; by mail, 25c quart postage paid.

**Early Amber Cane.** Immensely popular for forage; relished in its green state or cured, by all stock, on account of sweetness of stalk and leaves. Ten pounds of seed will plant an acre. Weighs 50 pounds to the bushel. 1 lb. 10c, 10 lbs. for 30c, peck 40c; by mail, 20c lb., postage paid. Bushel price on application.

**Early Orange Cane.** Equally as valuable as the Amber for foliage, but on account of its larger growth is considered better for syrup making. 1 lb. 10c, 10 lbs. for 30c, peck 40c; by mail, 20c lb., postage paid. Bushel price on application.

**Yellow Milo Maize.** Grows tall—nine to twelve feet—stooling from the ground. On account of its branching habit and massive growth this grain should be planted in wide rows and two to three feet in the drill. 1 lb. 10c, 10 lbs. 50c, peck 65c; by mail, per lb. 20c, postage paid. Bushel price on application.

**White Dhoura, or Large African Millet.** Grows 8 or 10 feet high; easy to cure; keeps well in outdoor shocks, and well eaten by stock. Plant and cultivate like Milo Maize. 1 lb. 15c, 10 lbs. 90c; by mail per lb. 25c postage paid.

**Red Kaffir Corn.** This grows taller than the White; heads are long, slender, compact and grows erect. Pound 10c, 10 lbs. 50c; by mail 20c a pound.

**White Kaffir Corn.** Grows from four to five feet high. The stalks keep green and are brittle and juicy, making excellent fodder either green or dried. Pound 10c, 10 lbs. 50c; by mail 20c a pound.

**Cow Peas.** The South's best friend; grows on poorest soil. Invaluable, whether grown for hay, peas, or soil renovator. The poorest kind of clay land can be made into a fertile loam by plowing under a crop of Cow Peas. Sow seed from May until August;  $1\frac{1}{2}$  to 2 bushels per acre; 60 pounds to the bushel. We have all varieties and handle them in car lots, can make you close figures. Write us at any time for special figures, stating quantity and variety wanted.

**Whipporwill, or Speckled Peas.** The earliest variety, grows upright and is easily handled.

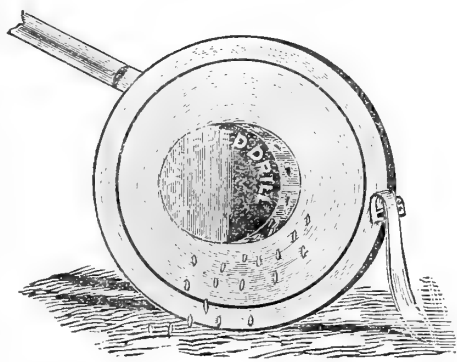
**Clay Peas.** An old standard sort; makes a good vine, largely used.

## The Acme Seed Drill.

PRICE \$1.00.

When you have but a few packages of seed to sow for a small garden, such as beet, carrot, celery, lettuce, radish and turnip, this drill will sow perfectly and will do it ten times as quickly as it can be done by hand. It is very simple; a child can work it, and we predict for it a great future.

By using the ACME GARDEN DRILL you secure a better stand, you get healthier and stronger plants; you don't waste any seed; you save time. The work is easy.



**FREE.—A Grand Premium Offer.—FREE.**

**ACME SEED DRILL FREE.**

Anyone sending us an order for \$3.00 worth of VEGETABLE and FLOWER SEEDS at prices given in catalogue in 5, 10, 15, 20 and 25c packages only, we will send FREE one ACME GARDEN SEED DRILL as a premium.

This offer does not apply to any of the collections in catalogue. The Drill will be sent with goods or separately by express at purchaser's expense, as instructed.

**Black Peas.** The most rank grower of all; fine for hay or fertilizer.

**Wonderful, or Unknown Peas.** Makes more vines and peas than most other sorts.

**Red Ripper Peas.** Reseeds itself; very hardy and rank grower.

**Grey Goose Peas.** Preferred by some to the Whipporwill, as peas do not rot so easily in the fall.

**Black-Eyed Peas.** Prolific; a fine market sort.

**White Lady Peas.** Excellent when dried and shelled; always sells well.

**Genuine Golden German Millet.** (Tennessee grown.) It is decidedly the best variety to grow—producing large crops of fine grass, ranging in growth from  $4\frac{1}{2}$  to 6 feet high. Fifty pounds to the bushel. It requires 1 bushel to sow an acre. Pound 10c, peck 50c; by mail, 20c lb.; bushel price on application.

**Hungarian Grass Millet.** Height, three feet; suitable for rich bottom land where the German Millet grows too coarse. Sow 1 bushel to the acre. Pound 10c, peck 40c; by mail, 20c lb.; bushel price on application.

**Pearl Millet.** This old familiar favorite is known throughout the South as Cat-Tail Millet, Horse and Egyptian Millet; makes a great mass of foliage; can be cut several times in a season, furnishing fresh growth as long as season suits. Sow in April or after, in drills four feet apart, or drop a few seed in hills two by four feet. Cultivate as corn. 1 lb. 25c, 5 lbs. \$1.00. By mail, 1 lb. 35c, 3 lbs. \$1.00, postpaid.

**Fall Barley.** Require somewhat stronger soil than Rye; makes a more vigorous plant, stands more pasturage. Sow in fall, two bushels to an acre. Peck 25c. Bushel price on application.

**Seed Wheat.** We have all varieties that will succeed in our section. Write for prices.

**Spring Wheat.** For spring sowing. Write for prices.

Owing to fluctuation of the market it is impossible to give correct price on Millet Seed, Oats, etc. Write for our special prices when you are ready to buy, on any Field or Farm Seed.



GOLDEN GERMAN MILLET.

**Seed Rye.** Should be sown in August or September broadcast, at the rate of 1 to 1½ bushels per acre; is used mostly for pasturage in this section. Quart 10c, peck 25c. Bushel price on application.

**Genuine Texas Red Rust Proof Oats.** Largely grown in this State; it is a heavy yielder and entirely rust proof. Peck 20c. Bushel price on application.

**Burt Oats.** The long and well-known oat, distinctively for spring sowing. Always a sure cropper. Especially adapted to light soil, where other oats will not grow high enough. Peck 30c. Bushel price on application.

**Clay Oats.** A fine spring oat; grows well on thin land; seldom rusts; very early. Peck 30c. Bushel price on application.

**Winter Turf Oats.** For fall sowing. When sown early their roots strike down from ten to twelve inches deep, which insures them from winter killing and ready in spring to grow off, while spring oats are not sown on account of wet weather. Their deep rooting and stooling properties enables them to afford more fall and winter grazing than any known plant. Sow 1½ bushels per acre. Peck 25c. Bushel price on application.

**Black Seed Oats.** A good, heavy oat, which is planted largely in this section. Peck 20c. Bushel price on application.

**White Seed Oats.** A standard variety; grows tall. Peck 20c. Bushel price on application.

**Improved Evergreen Broom Corn.** Grows about eight to ten feet high. The fibre is long and fine. Four to six quarts will plant an acre in drill. 1 lb. 10c, peck 40c; by mail, 20c lb. postage paid. Bushel price on application.

**Buckwheat, Silver Hull.** This improved variety is much better than the old sort. Sow 1½ bushels to the acre. 1 lb. 10c, peck 50c; by mail, per lb. 20c, postage paid. Bushel price on application.

**Chufas.** (For hogs.) A species of "grass nut," much used to fatten hogs. Plant in April, ten or twelve inches apart, in 2½ to 3 foot rows. Should be soaked before planting. Cover lightly. One peck of seed per acre. 1 lb. 25c, peck \$1.00; by mail, 1 lb. 35c, post paid.

**Soja Bean.** Splendid for forage; easily grown; stands drouth well. It is said, when parched and ground, this bean makes an excellent substitute for coffee. 1 lb. 15c, peck \$1.00; 1 lb. by mail, post paid, 25c. Bushel price on application.

**Sand, Winter or Hairy Vetch** (*Vicia Villosa*). This is a comparatively new crop for this country; it has been generally tried the past three years and has proved itself one of the most valuable forage plants in cultivation, and as a soil improver stands in the first rank; thrives on poor and sandy soils. The plant is perfectly hardy and the produce is recommended as most nutritious. The seed should be sown at the rate of one bushel to the acre. Weighs 50 lbs. per bushel. Quart 30c, peck \$1.25; by mail, add 15c per quart for postage. Bushel price on application.

**Japan Rice.** This has proven to be a fine variety of rice for upland culture. Sow in March or April. Sow broadcast two bushels, or in drills five to six pecks per acre. Price, 25c per lb.; if by mail, 35c per lb., 3 lbs. \$1.00, post paid. Peck \$1.00, ½ bushel \$1.75, bushel \$3.25.

**Dwarf Essex Rape.** Sow for pasturing lambs and sheep, and also for cows. Sow five to ten pounds per acre in spring or fall, broadcast or drills. 1 lb. 20c, 5 lbs. 75c; or by mail, 1 lb. 30c, 4 lbs. \$1.00.

**White Navy Bean.** The standard shell bean for field culture. Plant in May in rows about three feet apart, dropping two beans in each hill twelve inches apart. Quart 20c, peck \$1.00; by mail, quart 35c, postage paid. Bushel price on application.

Write for Special Prices by the bushel and larger lots on any of the Field and Grass Seed listed.

**Teosinte.** A new forage plant of South American origin. Cut for green feed in any stage, it is found good and wholesome, and the second and third growths come promptly in equal vigor and abundance. Two pounds of seed to the acre. Plant in April and five by six feet, and cultivate as corn. 1 oz. 20c, ¼ lb. 50c, ½ lb. 75c, 1 lb. \$1.25, postage paid.

**Mammoth Russian Sunflower.** Single heads measure twelve to twenty-one inches in diameter, and contain an immense amount of seed.

It is the best egg producing food known for poultry. 1 lb. 15c, peck 60c; by mail, 25c a pound.

**Spanish Peanut.** Early; a fine bearer; growth perfectly erect, and therefore easily cultivated. The peas hang to the root; can be rapidly gathered. Splendid to fatten hogs. 1 lb. 15c, peck 60c; by mail, 1 lb. 25c.

**Virginia White Seed Peanuts.** 1 lb. 10c, 5 lbs. 40c; by mail, 1 lb. 20c.

**Virginia Red Seed Peanuts.** 1 lb. 10c, 5 lbs. 40c; by mail, 1 lb. 20c.

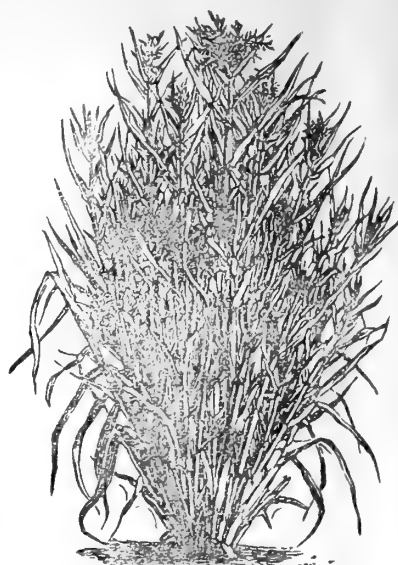
## Jerusalem Artichokes.

There is no root crop which has more rapidly grown in favor than this one; enormously productive. Hogs fed on them never have the cholera. Plant during early spring, in rows four feet apart, two feet in row. Cut same as you do potatoes, leaving one eye. Three bushels will plant an acre. Quart 10c, ½ peck 30c, peck 50c; by mail, Quart 25c, postage paid. Bushel price on application.

## Bird Seed.

If to be sent by mail, add 10c per pound for postage. Special prices on large lots.

Mixed Bird Seed.....	per lb.	10c
Canary Seed.....	"	10c
Hemp Seed.....	"	10c
Lettuce Seed.....	"	50c
Poppy Seed.....	"	25c
Rape Seed.....	"	10c
Cuttlefish Bone, oz. 10c.....	"	75c
Sunflower Seed, for Parrots.....	"	10c



A SINGLE PLANT OF TEOSINTE.



JERUSALEM ARTICHOKE.

## SELECTED SEED CORN.

The Seed Corn we offer has all been selected especially for the seed trade.

If Corn is wanted by mail add 15c per quart for postage.

**The Celebrated Conscience Corn.** This mammoth corn certainly stands at the head of the list for largest yield and largest ears. A true gourd seed, pure white grains and a strong, vigorous grower. Stalks grow eight to nine feet and should not be planted as close as our common corns. By mail, postage paid, 1 lb. 25c, 4 lbs. 85c; by express or freight, 1 lb. 20c, 4 quarts 50c, peck 75c, bushel \$2.00.

**North Carolina White Prolific.** A very early variety of white field corn. It is very hardy and can be planted very early, as well as late, matures very quickly. Quart 10c, peck 50c, bushel \$1.25, 2 bushels for \$2.25, bags included; by mail, quart 25c, postage paid.

**Golden Superb** (New Field Corn). An enormous golden dent variety. Ears very large and handsome, 24 rows of deep kernels. Its great vigor enables it to stand dry weather remarkably and gives a good crop when other sorts fail from drouth. Two or three ears are borne on each stalk, and they run as uniform as though they were all made in the same mold. Owing to its extreme earliness it may be harvested earlier than any other Dent Corn, even when planted much later. It is seldom one sees anything bred up to such perfection as is this new corn. Quart 20c, peck \$1.00, bushel \$3.00, 2 bushels \$5.50, bags included; by mail, pint 20c, quart 35c.

**Boone County White.** A fine, large white corn, deep full grain. Quart 15c, peck 50c, bushel \$1.25, 2 bushels for \$2.25, bags included; by mail, quart 30c.



THE CELEBRATED CONSCIENCE CORN.

**White Hickory King.** The merit of this pure white corn is now so well known as to need no introduction from us. This corn has the smallest cob and the largest grains of any corn in the world. Quart 15c, peck 50c, bushel \$1.35, 2 bushels for \$2.50, bags included; by mail, quart 30c.

**Early Surprise Corn.** This fine corn cannot be praised too much; the earliest white field corn in cultivation; planted on or about the middle of March it will mature by the 1st of July. The Early Surprise Corn is the variety to plant if you want to be sure of a crop maturing before the drouth comes in August. Ears good average size and stalks grow vigorous and strong; quite a distinct variety. Quart 15c, peck 60c, bushel \$2.00, 2 bushels for \$3.50, bags included; by mail, quart 30c.

**Prince Charles White.** This corn is a much liked and well known variety. It is immensely productive and matures in about 125 days. Quart 10c, peck 35c, bushel 90c, 2 bushels for \$1.70, bags included; by mail, quart 25c.

**Clarke County Champion.** A fine early 100 day white corn, very hardy, stands the heat well; quite a favorite with our growers, both for field and garden use. Quart 15c, peck 50c, bushel \$1.40, 2 bushels for \$2.50, bags included; by mail, quart 30c.

**Illinois White Pearl.** Very early, maturing in 85 to 90 days. Pure white grains, with large ears, which are solid and heavy. Can also be used as an early market variety for roasting ears, like the Clarke County Champion; it is, however, some earlier and larger than that variety. Quart 15c, peck 60c, bushel \$2.25, 2 bushels for \$4.00, bags included.

**Tennessee White.** A mammoth white variety, grown in this section. Grain soft, shells readily and is a large yielder. Matures

in about 120 days. Quart 15c, peck 40c, bushel \$1.15, 2 bushels \$2.00, bags included; by mail, quart 30c.

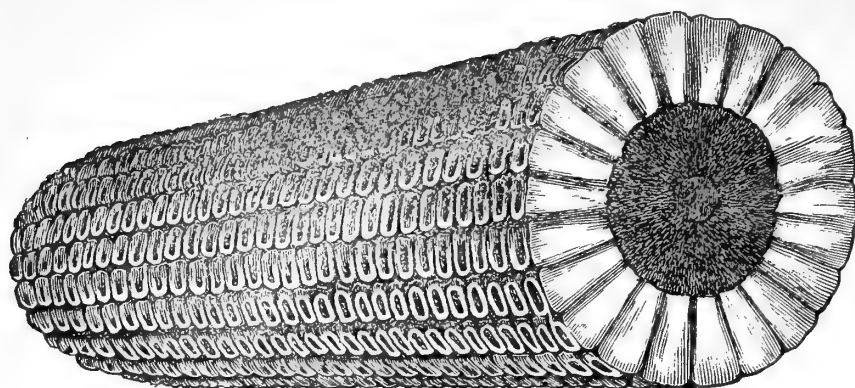
**Early Butler Dent.** This is one of the earliest and most prolific of yellow corns. The ear is a bright golden color, medium size, cob small, red and will mature in 85 days. Quart 15c, peck 50c, bushel \$1.25, 2 bushels \$2.30, bags included; by mail, quart 30c.

## ERRORS.

We make them—so does everyone—and we will cheerfully correct them if you write to us. Try to write to us good naturedly, but if you cannot, then write to us anyhow. Our best efforts will be put forth in filling all orders carefully, and with the additional room and facilities we hope to get along the coming season without an error of any kind. Let us have your early orders and we promise to please you.

## FOR TRIAL.

We will send postage paid for 30c one package each of the following new forage plants, so that you can give them a trial: Velvet Beans, Soja Beans, Teosinte, and Sand or Hairy Vetch.



MOSBY'S PROLIFIC CORN.

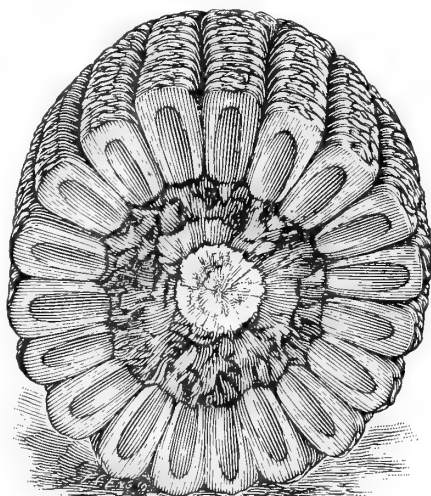
**Mosby's Prolific Corn.** This is a Southern corn and is recommended for general crop. Pure white, deep, full grain, neither too hard nor too soft, and stands crowding in the drills as close again as any other kind. Ears of medium size, but long. Quart 15c, peck 60c, bushel \$1.25, 2 bushels for \$2.25, bags included; by mail, quart 30c postage paid.

**Iowa Silver Mine.** A heavy yielding, large, white corn, deep grains with a very small cob, matures very early, in about 90 days; ears average twelve inches, and are very heavy. Qt. 15c, peck 50c, bushel \$1.35, 2 bushels \$2.50, bags included; by mail, quart 30 cents.

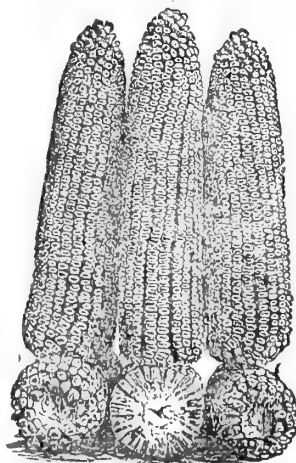
**Champion Early White Pearl.** An extra early variety of the Dent family; very productive and exceedingly heavy, maturing in 85 to 90 days from the time of planting. Quart 15c, peck 50c, bushel \$1.25, 2 bushels \$2.40, bags included. By mail, quart 30c.

**White Queen.** An excellent white corn; one of the best for meal; ears large, grains broad and deep. Qt. 15c, peck 30c, bushel \$1.00, 2 bushels for \$1.80, bags included; by mail, quart 30c.

**Early Yellow Leaning.** A yellow Dent variety; very small red cob, with a deep, long grain, of a rich golden color; matures a crop in 90 days, and will, if planted by the 1st of June, under ordinary culture, grow, ripen and be fit to husk and crib by September 1st. Quart 15c, peck 50c, bushel \$1.15, 2 bushels \$2.15, bags included; by mail, quart 30c.



IOWA SILVER MINE.



EARLY YELLOW LEANING.

**Golden Beauty.** A handsome yellow sixteen-rowed corn, of fine shaped ears, medium hard, long, broad grains, maturing in from 110 to 120 days. Quart 15c, peck 50, bushel \$1.25, 2 bushels \$2.30, bags included; by mail, quart 30c.

## CORN,

### POP OR PARCHING.

Prices of the four varieties of Popcorn listed as follows: 1 lb. 15c, 10-lb. lots at 10c per lb.; by mail, postage paid, packets 10c, 1 lb. 25c, 4 lbs. 80c.

**Mapledale Prolific.** A new variety, of wonderful productiveness. Pops pure white; very tender and sweet.

**White Rice Popcorn.** Pops clear white and finest flavor of any variety; crisp and sweet.

**Queen's Golden Popcorn.** One of the largest yellow and most prolific varieties grown. It pops perfectly white, and a single kernel will expand to a diameter nearly one inch.

**White Lace Popcorn.** A fine variety; clear white and very productive.

## Asparagus and Rhubarb Roots.

**Asparagus Roots.** A bed 12x40 feet, requiring about 100 roots, should give an abundant supply for an ordinary family.

**Culture.** Asparagus plants should be set out in the spring or fall in a rich, sandy loam, dug eighteen inches deep, into which has been worked plenty of well-rotted manure. In planting for private use, set out in beds five feet wide, three rows in a bed, the outer rows being each one foot from the edge, and allow twelve inches in the rows; set the plants at least six inches below the surface. If set out in autumn, top-dress with six inches of manure.

**Conover's Colossal.** A well-known and standard variety; large two-year-old roots, per 100, 75c; per 1000, \$5.

**Palmetto.** An improvement on Conover's, in that it yields a much heavier crop and of much more even and regular size. Large two-year-old roots, per 100, \$1.00; per 1000, \$6.00.

**Rhubarb Roots.** Rhubarb roots may be planted early in spring or fall, setting the roots three feet apart each way. Once planted, it will remain in bearing condition a long time, only requiring a top-dressing of manure dug in spring or fall. We have both varieties—Myatt's Linnæus and Victoria. We think the Linnæus the most hardy for this country. Choice selected plants per dozen \$1.00, each 15c; by mail add 10c each for postage.

**Horseradish Sets.** The Horseradish is produced from small pieces of root. The soil should be very rich and well cultivated. Per dozen 20c, per 100 \$1.00; by mail add 10c per dozen for postage.



RHUBARB.

**Write for Special Prices on Seed Corn.**



# INSECT DESTROYERS.

## Buhach Insect Powder.

The greatest destroyer of every form of insect life; entirely harmless to man, beast or fowl, but certain death to insect life. Buhach will protect your carpets, furs, feathers, and woollen goods from moths. It is certain and instant death to flies, fleas, lice, gnats, mosquitoes, ants, bed bugs, cockroaches, water bugs. Buhach is superior to any powder we have ever tried and will do all it is claimed for it. Full directions with every package. Price, 2 oz. package 20c, 8 oz. package 60c, 1 lb. can \$1.00. By mail, 2 oz. package 25c, 8 oz. package 75c.



## Tobacco Dust.

Very effective against the cabbage fly and worm, also on cucumber, melons and other vine crops. Per lb. 15c, 10 lbs. for 75c. By mail, add 10c a pound for postage.

## Whale Oil Soap.

Effective for washing trees and destroying all insects on the bark; it is also an exterminator of insects and lice on plants and shrubbery. Mix at the rate of one pound of soap to two quarts of hot water, and then add five gallons of cold water. Per pound 25c, 5 pounds for \$1.00; if mail add 15c per pound.

## Fir Tree Oil Soap.

For greenhouse and house plants. Destroys all insects without injuring the plant. The best insecticide for aphids, red spider, mealy bug and worms. Mix at the rate of one ounce to a gallon of water. Apply with syringe or spray pump. ½-lb. tin 25c; by mail 35c.

## Hammond's Slug Shot.

The best powder to destroy potato bugs and those on tomatoes and egg plants, cabbage lice and worms, flea beetles and striped bugs on melons, squash, turnips, beets, etc. Price, 1-lb. perforated box, 15c; if sent by mail postpaid, 30c. A 5-lb. package for 35c, purchaser paying freight charges; 10-lb. package 60c; bulk, per 100 pounds \$5.00.

**The Duster** is the best implement in use for applying Slug Shot and Paris Green on cabbages and vine crops. Half-gallon 40c, one gallon 60c.

## London Purple.

Very poisonous. Use in the same way as Paris Green. 1 lb. 25c, 10 lb. lots and over at 23c per pound. If by mail, add 15c per pound for postage.

## Pratt's Food

Makes more milk and butter and keeps dairy cows in first-class shape.

## Paris Green.

A poisonous insoluble powder, indispensable on the farm for the purpose of preventing the ravages of potato bugs, worms, caterpillars, etc. Paris Green being a rank poison should be used most carefully. 1 lb. 25c; 10 lbs. and over at 23c per pound. If by mail, add 15 cents per pound for postage.

**DRY APPLICATION.**—Mix with Land Plaster—one part to one hundred.

**IN SOLUTION.**—Mix one pound to 200 or 300 gallons of water.

**BAIT.**—For cut worms, mix one ounce with eight ounces of syrup; mix thoroughly with fresh chopped grass or leaves.

## Bug Death.

A new powder that effectually takes the place of Paris Green and other dangerous and poisonous insecticides. Bug Death is not only a non-poisonous insect slayer but also acts as a plant food and is a benefit instead of injury to all vegetation. Ask for descriptive circular and directions. 1 lb. package 15c, 5 lb. package 50c, 12½ lb. box \$1.00. By mail 15c per lb. extra.



**Perfection Shakers for applying Bug Death, each 50c.**

## "Rose Leaf" Tobacco Extract.

A perfectly pure, highly concentrated extract of tobacco, most effective for destroying all insects and scale on plants. Pint can, 35 cents.

## Insluffators, or Insect Gun.

Used for applying insect powders of all kinds. Each 25c. By mail, 35c each.

# Flowers for Everybody.

## 50-Cent Popular Collection.

Consists of one packet each of Sweet Alyssum, Aster, Balsam, Candytuft, Dianthus, Convolvulus, Cypress Vine, Larkspur, Mignonette, Petunia, Pansy, Poppy, Phlox, Sweet Peas, Zinnia, Verbena, Sweet William, Gillia, Dwarf Nasturtium and Tall Nasturtium. Total 20 packets for 50c. Sent postage paid upon receipt of price.

## 25-Cent Bargain Collection.

Consists of one packet each of Petunia, Cypress vine, Eschscholtzia, Balsam, Phlox, Aster, Pink, Pansy, Mignonette, Sweet Peas, Zinnia, and Verbena. Total 12 packets for 25c. Sent postage paid upon receipt of price.

## 10-Cent Trial Collection.

Consists of one packet each of Balsam, Candytuft, Pinks, Mignonette, Pansy and Sweet Peas. Total 6 packets for 10c. Sent postage paid upon receipt of price.

# Agricultural Chemicals and Fertilizer Stocks.

**Acid Phosphate with Potash.** This is a high-grade fertilizer and can be used most profitably in connection with stable manure, or by itself, as it is a complete high-grade vegetable fertilizer, or it can be mixed with cotton seed meal, which makes a splendid compost. Our Acid Phosphate is soluble and mixed with potash. For potatoes, corn or cotton, we cannot recommend it too highly for which it is adapted, as well as for all garden truck. Per 50 lbs. \$1.00, 100 lbs. \$1.50, per bag of 200 lbs. \$2.50, per ton \$20.00.

**Nitrate of Soda.** This is valuable for the nitrogen it contains, equal to twenty per cent. of ammonia. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 150 pounds per acre, mixed with land plaster, for convenience in applying, is generally used. 1 lb. 15c, 10 lbs. 75c, 25 lbs. \$1.50, 50 lbs. \$3.00, 100 lbs. \$5.00.

**Kainit, Potash Salts.** Kainit is a natural product, containing nearly thirteen per cent. potash, in the most available form for plant food. Price, per 50 lbs. \$1.00, per 100 lbs. \$1.50, single bag \$2.60 per bag, 5 bags or more \$2.50 per bag, or \$21.00 per ton. Use 200 to 400 pounds per acre.

**Land Plaster, or Gypsum.** Is largely used as a fertilizer for clover, corn and other crops. A good thing to sprinkle over fresh cut seed potatoes. Excellent to mix with paris green at the rate of 100 lbs. of plaster to 1 lb. of paris green to kill bugs, worms, etc. Per 50 lbs. 65c, 100 lbs. \$1.00, per sack (200 lbs.) \$1.25, per ton \$10.00.

**Pulverized Sheep Manure.** Especially recommended for roses and flowering plants. Sheep manure is one of the very best fertilizers we have, used either in liquid form or mixed with the soil at the time of planting. 5 lbs. 30c, 10 lbs. 50c, 25 lbs. \$1.00, 50 lbs. \$1.50.

**Bowker's Food for Flowers.** Clean to handle, without odor; produces rich, green growth and profusion of flowers. Per package 20c, or by mail 30c.

**Soluble Pacific Guano.** A standard and complete fertilizer, guaranteed to be uniform in composition, rich in ammonia and soluble. The basis of Pacific Guano is dissolved bone, no rock being used. Strictly a high-grade and rich fertilizer. Analysis as follows: Available Phosphoric Acid, 8 to 10 per cent.; Insoluble Phosphoric Acid, 1½ to 2 per cent.; Ammonia, actual and potential, 1½ to 2¼ per cent.; Potash K. 20, 1½ to 2 per cent. Price, 50 lbs. \$1.25, 100 lbs. \$2.25, per bag of 200 lbs. \$4.00, per ton \$32.00.

**Pure Bone Meal.** Bone meal is of great value mixed with soil for potting purposes, for which one part of meal to ten of soil is about the right proportion. It is invaluable for top dressing lawns. Nothing is better for fertilizing young fruit trees, etc. 5 lbs. 30c, 10 lbs. 40c, 25 lbs. \$1.00, 50 lbs. \$1.50, 100 lbs. \$2.25, bags of 200 lbs. \$4.00.

**Muriate of Potash.** A form of potash to be used in connection with Bone Meal or Acid Phosphate. Fine for fruit trees. 10 lbs. 60c, 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.50.

**Jadoo Fibre.** A new growing substance for plants of all kinds. Plants make a very rapid growth when Jadoo is used, and are healthier, as is denoted by their dark green foliage. Price, 5 lbs. 30c, 10 lbs. 50c, 25 lbs. \$1.10.

## ORDER EARLY. . . .

Anticipate your wants. Better have your seeds on hand a few days before you need them than run the risk of their being delayed, for in March and April thousands of orders must be filled, and sometimes stocks become exhausted. Prices cannot be lower.

**Jadoo Liquid.** Revives drooping plants, increases both size and profusion of blooms. It is both food and drink to plants of all kinds; can be used either on plants grown in earth or in Jadoo Fibre. Pint bottles 25c. Cannot be sent by mail.

**Cotton Seed Meal Fertilizer.** The value of Cotton Seed Meal as a fertilizer is well established, and its use for this purpose is yearly becoming more extended. Per 100 lb. bag \$1.00, per ton \$18.50. Write for special price.

## Directions for Using Fertilizers.

**For Corn.** When sown broadcast, use 200 to 400 pounds to the acre. If applied in the hill, use one handful to two or three hills, mixing it with the soil or scattering it somewhat. Do not let the seed come in contact with the fertilizer.

**For Oats.** 200 pounds per acre, broadcast.

**For Grass.** Apply at any time during the spring or fall, 300 pounds per acre, broadcast; although a very good plan is to sow it in the spring after the frost is out of the ground.

**For Wheat or Rye.** Drill in with the grain at the rate of 250 pounds per acre, or more if preferred.

**For Beans, Peas and Garden Vegetables.** Apply 300 to 400 pounds per acre, broadcast, and rake or harrow it before planting the seed.

**For Potatoes.** Apply 400 to 600 pounds per acre of Acid Phosphate and Potash Mixture, in the rows or hills; or broadcast, a proportionately increased quantity.

**For Tomatoes.** The usual plan is to furnish each plant with a small handful, at transplanting time, well mixed with the soil.

**For Strawberries.** To quicken growth, insure early maturity, improve quality of the berry, use 500 to 600 pounds per acre if applied in the hill, or proportionately more if broadcast.

## Just Tell Them That You Saw Me

AND THAT

# \$1.00 ONE DOLLAR \$1.00

WILL BUY THIS BARGAIN LIST OF

## STRAWBERRY PLANTS.

Express prepaid to your town.

20 Plants Bubach,	20 Plants Michell's Early,
20 " Lady Thompson,	20 " Tennessee Prolific,
20 " Crescent,	20 " Lovett's Early.

Besides, we will add to above list 12 plants Cobden Queen, the finest new variety ever offered to the public, and should be in every garden.

**"Special prices quoted on Large Lots of Fertilizers." Write us, stating quantity wanted.**

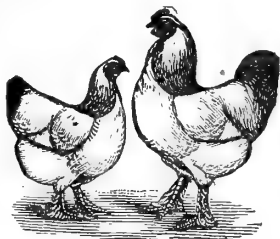
# POULTRY SUPPLIES.

It Pays to Raise Chickens—There's Big Money in Eggs.

Poultrymen buying large lots of the different supplies, write us for special prices.  
we can save you some money.

## Mixed Chicken Feed for Poultry, Ducks, Etc.

This mixture consists of many varieties of seeds and grain, including cracked corn and wheat, also the right proportion of ground oyster shells, all of which are greatly relished by poultry, and gives the fowls plenty of work and exercise, which is absolutely necessary to keep them in a healthy condition. Per bag of 100 lbs. \$1, 5 bag lots or over 90c bag.



## Royal Poultry Food.

One of the best preparations to keep hens laying both winter and summer. Fed to little chickens makes them grow robust and rapidly. 2-lb. package 25c; by mail, 45c.

## Sunflower Seed.

Fed occasionally, this is very beneficial, producing rich, glossy plumage. 1 lb. 15c, 10 lbs. \$1.00.

## Chicken Wheat.

A low grade, but sound wheat, for feeding chickens. Per peck 25c, bushel 75c, 10 bushels \$7.00.

## Rust's Havens' Climax Condition Powders.

No owner of poultry and stock should be without this Condition Powder. Alike good for horses, cattle and poultry, and hogs. It expels worms from horses harmlessly. Cures diseases in poultry and keeps them healthy. The only real cure for gapes and fowl cholera. Fed to little chicks will give them strength. Hogs will keep healthy, thrive and fatten with it. Price, 14 oz. package 25c, 32 oz. package 50c, 5-lb. box \$1.00, 8-lb. box \$1.50; if wanted by mail add 16c per lb. for postage.



## Rust's Havens' Roup Pills.

The only sure cure for roup in fowls. These pills act directly on the glands and mucous membrane, and allay all tendency to fever and carry off all morbid matter from the system. Price per box of 48 pills, 25c by mail.

## Mica Crystal Grit.

This is a sharp, gritty substance, of great value to fowls to aid their digestion and keep them in health. It is much liked by them. We have both, the fine for little chicks and coarse for the larger ones. Price, 1 lb. 5c, 5 lbs. 20c, 10 lbs. 30c, 25 lbs. 50c, 50 lbs. 90c, 100 lbs. \$1.50.

## Pratt's Food

Makes pigs bigger and better eating, overcomes many of the effects of "piling" in cold weather.

## Crushed Oyster Shell.

In many sections the soil being deficient in lime, it is absolutely necessary to have some combination of it on hand at all times and within easy access of the fowls. Oyster shell is beyond question the best form of lime for the formation of egg shells. Hens lay better, have better health and give a much larger per cent. of fertile eggs. Price, per lb. 5c, 5 lbs. 15c, 10 lbs. 25c, 25 lbs. 40c, 50 lbs. 75c, 100 lbs. \$1.25.

## Crushed or Granulated Bone.

Bone is one of the great essential elements to have in the poultry yard; greatly increases the laying qualities of the hens and imparts general vigor and health to the flock. Price, per lb. 5c, 10 lbs. 40c, 25 lbs. 90c, 50 lbs. \$1.50, 100 lbs. \$2.75.

## Rust's Egg Producer, or the Hen Persuader.

Makes fowls vigorous and healthy, shortens the moulting period, and will give best results in winter months especially when eggs command good prices. 1-lb. box 25c, 2½-lb. box 50c, 6-lb. box \$1.00, 10-lb. box \$1.50. I wanted by mail add 16c a pound for postage.



## Beef Meal.

Made from meat, bone, blood and the liquor from cooking. Rich in albumen and protein. It is a nitrogenous food and a great egg producer. 5 lbs. 25c, 10 lbs. 40c, 25 lbs. 80c, 50 lbs. \$1.50, 100 lbs. \$2.75.

## Cut Clover Hay.

Clover hay, cut fine and fed hot in the morning, makes a most desirable feed for winter and early spring. A sure egg producer. Per lb. 10c, 5 lbs. 25c, 10 lbs. 40c, 50 lbs. \$1.50.

## Pioneer Clover Meal.

A perfect substitute for green grass. No work or trouble to prepare it. Furnishes all elements to have plenty of eggs, especially in winter. Full directions given with every order. Price, per lb. 10c, 5 lbs. 30c, 10 lbs. 50c, 25 lbs. 75c, 100 lbs. \$2.50.

## Concentrated Meal.

This is Beef Meal with a small amount of charcoal, fen-greek seed and ginger added. It is not in any sense a condition powder, but is a perfect food, serving to keep the fowls healthy. It also is a nitrogenous food and a great egg producer. 5 lbs. 25c, 10 lbs. 40c, 25 lbs. 80c, 50 lbs. \$1.50, 100 lbs. \$2.75.

## Our Climax Condition Powder

Is excellent for hogs, horses or cows, and for poultry of all kinds it is certainly a great medicine. If your little chicks are ailing give them a few doses, the result will surprise you.

### Choice Ground Beef Scraps.

Ground beef scraps are in constant use by the best poultrymen in all parts of the country, who consider them invaluable for all classes of poultry. They are both stimulating and nutritious, and splendid results can be obtained by their use, especially during cold weather. Feed three times a week at the rate of about a handful to every three birds in the morning meal of hot food. During warm weather the scraps need not be fed more than once a week. 5 lbs. 25c, 10 lbs. 40c, 25 lbs. 80c, 50 lbs. \$1.50, 100 lbs. \$2.75.

### Lambert's Death to Lice.

A disinfectant insect powder for lice on hens; works immediately, without injury. Does not soil the plumage. Also invaluable for lice on horses, cattle or plants ticks on sheep, fleas on dogs, moths in carpets or furs. This powder has no equal. 5-oz. box 10c, 15-oz. box 25c, 48-oz. box 50c, 100-oz. box \$1.00; by mail, sample box 15c, 15-oz box 40c.

### Lambert's Death to Lice Ointment.

Especially adapted for head lice, scaly shanks, etc. Box 15c, postage paid.

### Lambert's Death to Lice Special.

Dissolved in coal oil or kerosene will make a liquid louse killer equal to any sort in the market. Paint roosts, drop boards and floor with this mixture and all vermin will disappear. Price, 10c and 25c a box; by mail, 15c and 40c.

### Pratt's Poultry Food.

A purely vegetable preparation, free from mineral poisons and all injurious chemicals, and is a sure cure for chicken cholera, roup, gapes and all diseases of the flock. For young chicks it is a wonderful success and as an egg producer it is unequalled. For moulting hens a renovator and builds up the system. Growers of turkeys, ducks, geese, chickens and pigeons, should not be without it. Per 26 ounce package 25c, 12 pound bag \$1.25. By mail, 26 ounce package 50 cents.



### Pratt's Food for Horses and Cattle.

A purely vegetable preparation, containing no mineral or other poison. It is not a medicine or condition, simply a prepared food that will regulate the bowels, blood and digestive organs, and therefore for horses prevents indigestion and loss of appetite. Cows fed on it gives richer and more milk. Young pigs grow up free from disease and fatten quickly, their meat will be juicy and tender.



Price, six pound package 50c, 12 lb. sacks 75c.

### Pratt's Improved Dog Biscuit.

Should be kept on hand by every dog fancier. A most splendid tonic and medicine for dogs and other animals. Per pound 15c, 10 lbs. for \$1.00.

### The Baltimore Model Incubator.

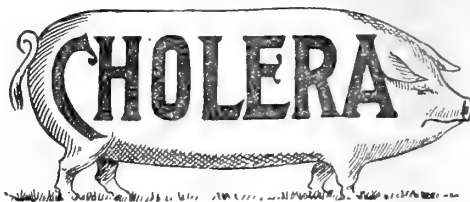
An honest, self-regulating hatcher, at an honest price. The most prominent feature of merit in the Baltimore Model Incubator is its extreme simplicity; one of the best and simplest automatic regulators is used on this machine to control the temperature of the egg chamber. Price, 100 egg capacity, \$18.50.

Write for descriptive catalogue of INCUBATORS and BROODERS, Every machine guaranteed.

### Lake's Lice Exterminator.

A liquid preparation which is sure death to lice, mites, fleas, roaches, bed bugs, etc., on horses, cattle, sheep, hogs, cats, chickens, house, plants, etc. Price, per quart 50c, per gallon \$1.00.

### Boko Cholera Cure.



Is an infallible preventative and cure for cholera and plague in hogs. If used properly it never fails when used in time. Package 25c, 6 for \$1.00. By mail, package 45c.

### Patent Stoneware Drinking Fountain, for Poultry. Pigeons and Bees.



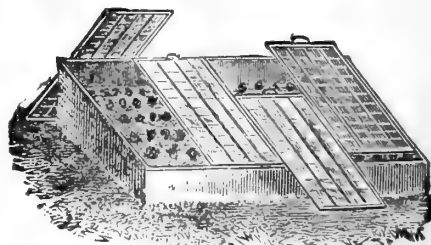
The best fountain in the market. Thousands of them in use. Many do not appreciate the necessity of a fountain; but impure water, caused by exposure to the sun, and filth scratched into old crocks and pans, are the cause of much disease and death in the poultry yard. Chicks also get into open jars and either drown or get wet and die. Saving the life of one valuable bird will pay for a dozen fountains. Price, 1/2-gallon, each 25c; 1-gallon, 35c each; 2-gallon, 50c each.

### OUR GARDEN LIBRARY on AGRICULTURE AND HORTICULTURE.

From the best authors sent postpaid on receipt of price.	
Asparagus Culture, by Barnes & Robinson.....	\$ 50
Broom Corn and Brooms—A treatise on raising Broom Corn.....	50
Cabbages—Gregory.....	30
Cauliflowers—Brill.....	20
Gardening for Profit—Henderson.....	2 00
My Handkerchief Garden—Barnard.....	25
New Onion Culture—T. Greiner.....	50
Gregory on Onion Raising—J. J. H. Gregory.....	30
Truck Farming at the South—A. Oemler.....	1 50
Sweet Potato Culture—Fitz.....	60
Silos, Ensilage and Silage—Miles.....	50
New Potato Culture—Carmen.....	50
Practical Floriculture—Henderson.....	1 50
Play and Profit in My Garden—E. P. Roe.....	1 50
The A B C of Potato Culture—W. B. Terry.....	35
Tomato Culture—J. W. Day, D. Cummins & A. I. Root.....	35
Market Gardening and Farm Notes—Burnet Landreth.....	1 00

### THE HOTBED.

For early vegetables, some provision for starting certain plants earlier than can be done in the open air is necessary. For this purpose nothing is better than a good hotbed.



Fresh horse manure mixed with dried leaves makes the best heating material. This must be forked over and thrown in a loose pile; let it stand for a few days and forked over again, allowing it to heat a second time; this will fit it for use. Spread your manure evenly and tramp it well together till your bed is a foot or more deep; then fill in six inches of good earth and cover with frame.



# Miscellaneous Farm and Garden Implements.

## Eclipse Knapsack Sprayer.



HAND SPRINKLER.

The best knapsack sprayer in use for potato bugs, gardens, cotton and tobacco fields. A man with one of these sprayers will use only one-half the paris green that is required by the whisk broom or with the common sprinkler. Price, complete, \$4.00.

## Hand Rubber Sprinkler.

An excellent hand sprinkler for use in the house on plants. Also used for sprinkling clothes. Price, 75c each; by mail add 10c extra.



ECLIPSE KNAPSACK SPRAYER.

## Insluffator, or Insect Gun.

A perfect instrument for applying all kinds of insect powders. Price, 25c each; by mail, 10c extra.

## Scolly's Hand Rubber Sprinklers.

Made of extra heavy rubber; very durable; almost indestructible.

We have both the

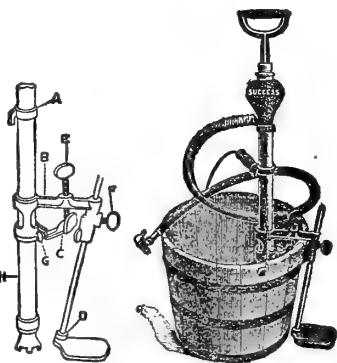


INSECT GUN.

straight and angle neck nozzle. Each \$1.00; by mail, add 10c extra.

## The Perfect Success Bucket Spray Pump.

All brass working parts with indestructible bronze valves, malleable iron combination foot rest. Has a large air chamber; is double action, throwing a continuous stream either solid or in fine sprays. It is provided with Bordeaux nozzle and four feet of discharge hose. Write for full descriptive catalogue of Improved Spray Pumps of all kinds. We can save you money on this line of goods. Price of Success Pump each \$4.50.



PERFECT SUCCESS BUCKET SPRAY PUMP.

## Humphrey's Concave Potato Knife.



**CURVED AND CONCAVE  
SEED  
POTATO KNIFE**

With the Concave Potato Knife, seed potatoes can be cut better, and \$2 to \$3 an acre saved in seed and time by its use. Price, postpaid 35c.

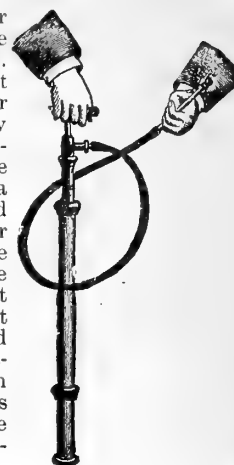
PRATT'S POULTRY FOOD positively produces eggs, fattens chickens, turkeys, etc., etc.

## Hand Corn Planter.



HAND CORN PLANTER.

Forced feed; never failing to drop the seed where wanted. Decidedly the best hand corn planter made, and a very desirable implement for those who have but a small field or need to replant their ground. It puts the corn exactly where you want it and at a proper depth. It is easily worked and is a most satisfactory tool in every way. Has three separate plates for the different size grains. Price, \$1.50 each.



VICTOR BRASS SPRAY PUMP.

## Sure Thing Spray Pump.

One of the most perfect spraying machines in the market, simple in its construction. The greatest labor, liquid, and money saver. Sure Thing is the very article for gardeners, nurserymen, horsemen and poultrymen. Price, \$1.00.

## Daisy Force and Spray Pump.

A medium price pump, within the reach of everybody. If you only have a few trees to spray, by investing in one of these small pumps, you will save your fruit crop. Price, complete, \$1.50.

## The Victor Brass Spray Pump.

One of the best pumps made for spraying fruit trees, rose bushes, etc. The cylinder being brass, is not affected by poisonous liquids. It is also very simple and easy to operate. Price, complete with all attachments, \$4.50.

## Excelsior Weeder.



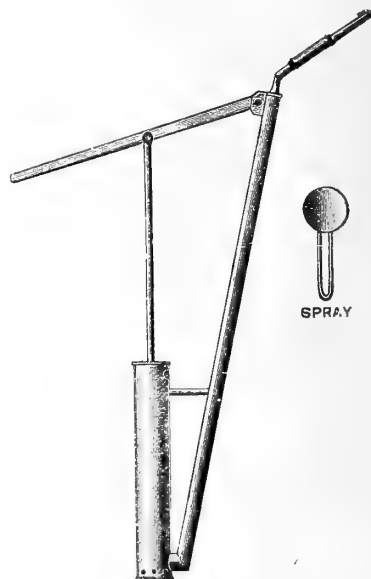
A very useful tool for weeding seed beds, stir the ground, etc. Each, 25c; post paid, 35c.

## Ladies' Floral Set.

Just the thing for light work. They are well made and of best material. Price, 3 pieces together, 75c.

## PRATT'S FOOD

Keeps your horses robust during cold weather; prevents coughs, colds, lung fever, etc.



DAISY FORCE AND SPRAY PUMP.

### Improved Dibble.



This illustration shows our Improved Dibble, for setting out cabbage, celery, tomato and similar plants. It is invaluable to every private gardener, florist and nurseryman. Each, 50c; by mail, 15c extra.

### Waters Improved Tree Pruner.

For pruning fruit trees, etc. Strong and well made. Price, 8-foot pole, \$1.50; 10-foot pole \$2.00, each.



### Little Giant Pruner and Saw.

Has a saw attachment in addition to pruner. Price, each \$2.50.

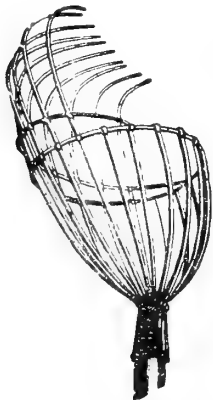
### Improved Hand Weeder and Transplanting Fork.



Can be used to great advantage among small plants. Each, 25c; post paid, 35c.

### Fruit Picker.

Made of wire; just the thing for picking fruit without bruising it, or handling a ladder. Each 75c, without pole.



FRUIT PICKER.



LITTLE GIANT SEEDER.

### Little Giant Broadcast Seed Sower.

This is one of the best hand broadcast seed sowers in the market for the money. It is simple of construction, light, strong and durable. Price, packed, \$2.00.



CAHOON'S SEEDER.



RUBBER ATOMIZER

### Cahoon's Patent Hand Seed Sower.

For sowing wheat, oats, millet, barley, rye, buckwheat, grass seeds, etc. The best machine of the kind in the market. Price, \$3.25.

### Lang's Hand Weeder.

Allows free use of the hand in working; strong and well made. Each 25c; by mail, 30c.

**LANG'S  
HAND  
WEEDER**



### Rubber Atomizer.

For applying Bug Death, Buhach and Slug Shot to squash and cucumber vines, currant bushes and other small vines and bushes, house plants, etc.; also for applying to poultry. Price, 75c.

### Thermometers.

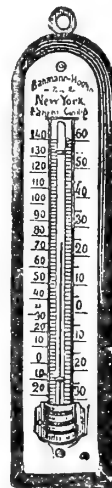
Tin case, 8-inch, each 40c; 10-inch, each 50c. These can not be sent by mail.

### Forged Steel Garden Trowel.

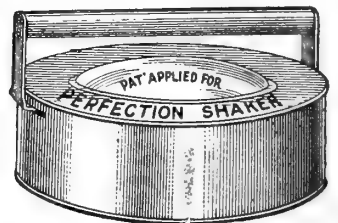
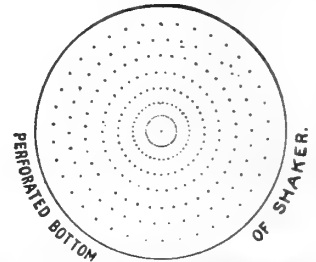
Absolutely the best trowel made, will out wear several of the ordinary sort. Each 50c; by mail 65c.

### Ordinary Garden Trowel.

Malleable iron shank, well riveted. Each 15c; by mail, 25c each.



THERMOMETER.



OUR PERFECTION SHAKER

### Our Perfection Shaker.

Especially for applying Bug Death, Slug Shot, Land Plaster and other insect powders to plants of all kinds. Price, 50c.

### Universal Corn Husker.

A most useful little tool for husking corn. Price, each 25c; by mail, 30c.

### Spring Adjustable Strap Husking Pin.

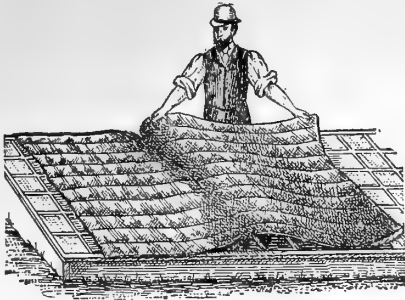
Made of the best cold drawn steel wire, held to the hand with a strap; a splendid little tool. 25c each; by mail, 30c.



UNIVERSAL CORN HUSKER.

**Palmer Wool-Filled Mat.**

Frost proof. Made expressly for winter covering of hot-beds, cold frames, plants and seed of all kinds. Indestructible, cheap and warm; will not harbor mice or vermin. Easily handled. Dry out quickly after rain. Have now been in practical use three years. Cost less than old-fashioned straw mats and entirely take their place. Every one using hot bed mats should give them a trial. One mat covers two sashes.



**Burlap Cloth**, filled with combination wool and quilted, seams three inches apart and edges firmly bound. Price, 76x76, \$1.00.

**Duck Cloth** outside, filled and quilted same as Dunlap. Price, 76x76, \$1.50.


**Woolfatine Salve.**

Should be kept in every household and on every stock farm. Heals and cures all stiff joints, swellings and lameness in horses and other stock, good as well for the human body for burns, cuts, bruises and chapped hands. 1-lb. can 50c, 5 cans for \$2.00. By mail add 15c per lb. for postage.

We also keep in stock **Woolfatine Harness Grease**. Keeps leather soft and durable. 1-lb. can 50c, 5 cans for \$2. By mail add 15c per lb. for postage.

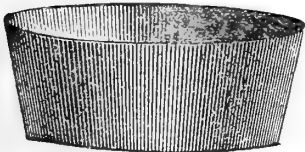
**Flower Pots.**

Send us your orders for Flower Pots; we have a large stock. Prices as follows:

	2-inch.....	per dozen \$	15
	2½-inch.....	"	20
	3-inch.....	"	25
	4-inch.....	"	30
	5-inch.....	"	50
	6-inch.....	"	65
	7-inch.....	"	1 00
	8-inch.....	"	1 25
	9-inch.....	"	1 50
	10-inch.....	"	2 25
	12-inch.....	"	3 50
	14-inch.....	each 75c	18-inch.....each 1 00

**Flower Pot Saucers.**

4-inch.....	per doz.	20	7-inch.....	per doz.	25
5-inch.....	"	20	8 inch.....	"	50
6-inch.....	"	25	10-inch.....	"	50



SEED PAN.



FLOWER POT SAUCER

**Fern and Seed Pans.**

Splendid for ferns, bulbs or starting seeds early in the house.

6-inch.....each 20c, 8-inch.....each 25c, 10-inch.....each 30c

Above price of fern pans include saucers.

Packing free, which we do carefully under our own supervision, but we are not responsible for any breakage whatever.

**Wooden Measures—Well made, Iron Bound.**

1-quart.....each,	10c	1-peck.....	each,	25c
2-quart.....each,	15c	½-bushel.....	each,	30c
½-peck.....each,	20c			

**Baskets—Standard Makes.**

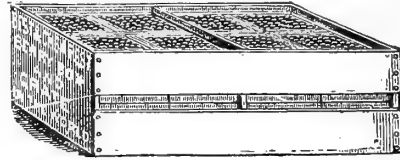
½-peck, Diamond Flat.....	per dozen, \$	30
1 peck, Diamond Flat.....	"	30
½-bushel, Diamond Flat.....	"	30
½-bushel, Gardener's Stave.....	"	1 50
1 bushel, Gardener's Stave.....	"	1 50

**Jute Twines, for Tying Tomato Plants and Vegetables.**

Per ball 10c, 4 balls 25; per lb. 15c, 10 lbs \$1.00, 100 lbs. \$8.00.

**Binder Twine.**

Standard quality Manilla Binder Twine, per ball of 5 lbs. 75c.

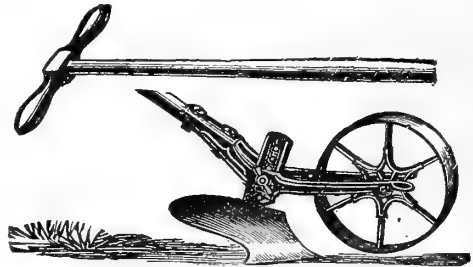
**Strawberry and Fruit Boxes.**

We can furnish both the Leslie Wine and the Hallet style strawberry boxes. Prices as follows:

1-pint box.....	per 100, \$	30	per 1000, \$	2 00
1-quart box.....	"	35	"	2 50
Crates.....	"	6 00		
½-bushel fruit boxes.....	"	6 00		
¼-bushel fruit boxes.....	"	5 00		

**"PLANET JR." GARDEN TOOLS.**

Space will not permit illustrating and describing all the "Planet Jr." tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. "Planet Jr." goods are standard machines and the best on the market.



THE "FIRE-FLY" WHEEL GARDEN PLOW.

**"Fire-Fly" Garden Plow.**

Makes the care of a vegetable garden a pleasure, and 10,000 families who could not find time to keep a garden, if attempting its cultivation with the ordinary hand hoe, can raise their own vegetables successfully with the "Fire-Fly." Price complete, \$2.00.

**The "Planet Jr." Combined Drill, Cultivator, Plow, Etc.**

Unquestionably the most popular and perfect machine of its kind made. Has a seed drill, and is the same as the No. 2, except in size; holds one quart. The hoes work closely and safely all rows up to 16 inches wide at one passage. The plow opens furrows, covers them, hills, plows to and from; the cultivator teeth mellow the soil, etc. Price, \$9.00.

**"Planet Jr." No. 2 Seed Drill.**

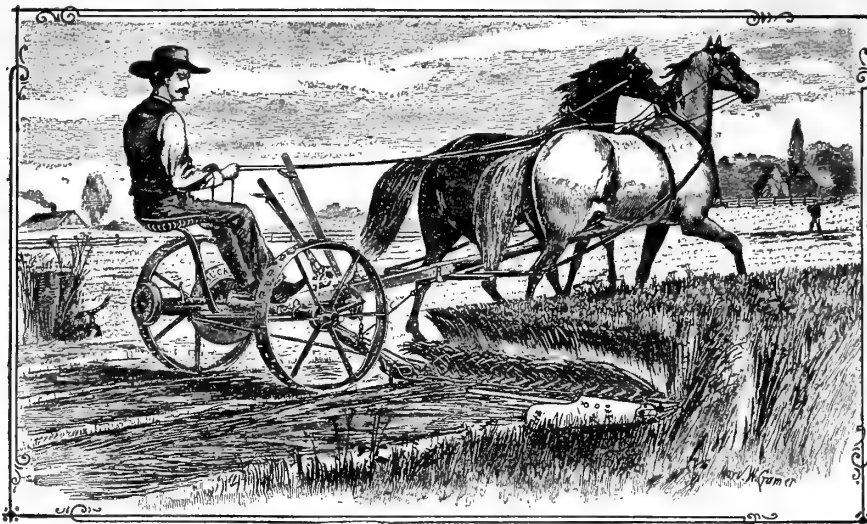
Same as the above, excepting that it has no cultivating attachments and it has a larger seed hopper. Price, \$6.50.

**"Planet Jr." No. 15, Single Wheel Hoe.**

The latest and best improved single wheel hoe; easy running, light and strong. Price, complete, \$6.00.

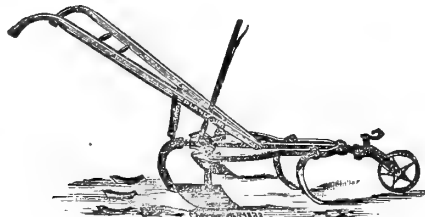
**The "Peerless" Garden Cultivator.**

Five tools in one; more work done in an hour than all day with a hoe; once tried the old style low wheel tools are thrown aside. Try it. Price, \$5.00, complete.



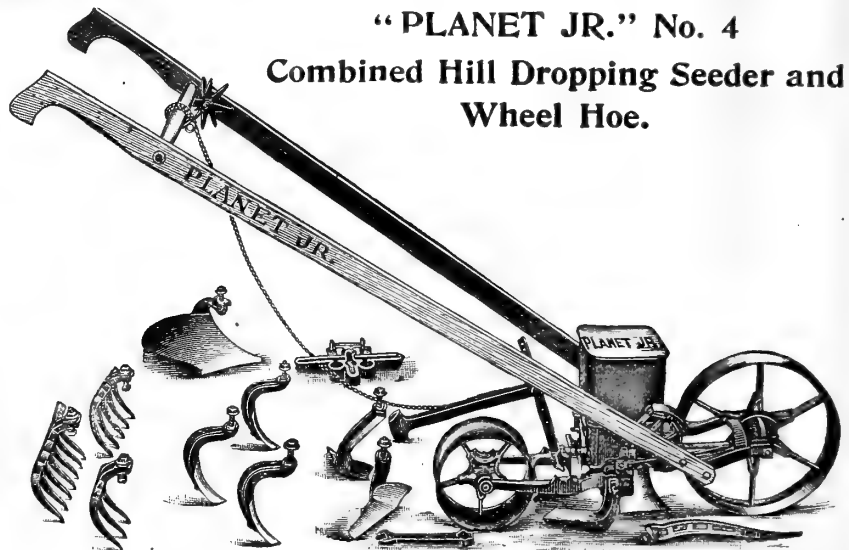
IMPROVED BUCKEYE MOWERS.

THE BEST IS THE CHEAPEST.



"PLANET JR." NO. 5 HORSE HOE.

- "Planet Jr." No. 5, Horse Hoe and Cultivator, strong and serviceable. \$6.75  
 "Planet Jr." No. 8, Horse Hoe and Cultivator, complete with Lever Wheel and Expander..... 8.00  
 "Planet Jr." 12-tooth Harrow, plain 5.40  
 "Planet Jr." 12-tooth Harrow, with Wheel..... 6.65  
 "Planet Jr." 12-tooth Harrow, complete with Pulverizer..... 8.00

**"PLANET JR." No. 4****Combined Hill Dropping Seeder and Wheel Hoe.****Work for the Months in the Garden, Field and Orchard.****JANUARY.**

**In the Garden.**—Get the hotbeds ready and sow Cabbage, Tomatoes, Lettuce, Cauliflower, Egg Plants, Beets, Onions and Kohl-Rabi as early as possible. Toward the latter part of the month plant Extra Early Peas. Sow outdoors Spring Turnips, Mustard and Spinach. Onion Sets can now be planted, also Potatoes. Set out Asparagus Roots. Sow early variety of Radish Seed, also Sweet Peas in the flower garden.

**In the Field.**—Get your land in shape to sow Oats, Grasses and Clovers.

**In the Orchard.**—Prune Fruit Trees and Grape Vines. Toward the latter part of the month set out your young orchards.

**Our prices on Peas, Beans and Corn**

By the quart, pint, etc., do not include postage. If you wish them sent by mail, add 15c per quart.

**FEBRUARY.**

**In the Garden.**—Plants in the hotbed will require daily attention. Plant Extra Early and Marrowfat Peas. Plant Potatoes for a general crop. Sow Radishes, Turnips, Mustard and Spinach. Sow Onion Seed in open ground. Sow in hotbeds, Pepper, Egg Plant and Tomato Seeds. Plant Onion Sets. Plant your Sweet Peas in the flower garden now. Put out Asparagus and Rhubarb Roots.

**In the Field.**—Lawns should be looked after. Give a top dressing of well rotted manure and bone meal. Sow our Emerald Lawn Grass. Sow Texas Red Rust Proof, Burt, Seed Oats and Grass Seeds. Canada Field Peas should be sown this month. Plant Artichokes for hogs.

**In the Orchard.**—Now is the best time for setting out all kinds of fruit trees and other nursery stock. Put out Strawberry Plants.

We have in season fine, strong Transplanted Tomato plants, any variety.



**MARCH.**

**In the Garden.**—This is an active month in this section. Sow for succession English Peas. The wrinkled varieties of English Peas can now be planted. Sow outdoors Carrots, Parsley, Cabbage, Beets, Lettuce, Salsify, Parsnips, Leek and Onion Seed. Early Corns can be planted about the 15th. Onion Sets can be yet planted. This is also a good month for planting Potatoes. Plant a few Bush Beans about the latter part of the month. Continue to put out Asparagus, Rhubarb and Horse Radish Roots. Sow hardy kind of Flower Seeds, also Sweet Peas. Bed out Sweet Potatoes.

**In the Field.**—Sow all sorts of Clover Seeds, Grasses and Oats. Continue sowing Lawn Grass Seed. Plant Sorghum and Field Corns. Plant Artichokes.

**In the Orchard.**—Continue to set out Fruit Trees, Raspberry and Blackberry plants, also Strawberry plants, Shade and Evergreen Trees.

**APRIL.**

**In the Garden.**—If not already planted, sow Beets, Carrots, Lettuce, Parsley, Endive, Parsnips, Salsify, Radishes, Leek, Mustard, Turnips, Cress, Celery, Tomatoes, Cucumbers, Squash, Sweet Corn; in fact, most everything can now be planted. Plant Bush Snap Beans, and toward the last of the month Pole and Lima Beans. Try a few Melons and Cantaloupes. Potatoes can be planted. Do not fail to plant our Early Surprise Corn for roasting ears; it will please you. Plant Tube Rose, Dahlia, Gladiolus and Cannas Bulbs in the flower garden. Continue to sow Flower Seeds.

**In the Field.**—Sow Mangle Wurzel and Sugar Beets for stock. Continue planting corn, Sorghum, Kaffir Corn, German Millet, Grass Seeds and Clovers. Plant Artichokes.

**In the Orchard.**—It is drawing near the end of the season for setting of Fruit Trees and Nursery Stock, and if they are not already put out, do so at once.

**MAY.**

**In the Garden.**—Seeds of all kind can now be planted. Bush Beans, Pole Beans, Lima Beans, Sugar Corn, Beets, Salsify, Parsnip, Squash, Cucumber, Okra, Cantaloupes, Watermelon, Pumpkins, Cabbage for late use, Egg Plant, Peppers, Cress, Carrots, Lettuce, Endive and Kohl-Rabi. Now is the time for action, don't delay. Sow Tomatoes for late use, also Herbs of all sorts. All kinds of flower seeds can now be sown.

**In the Field.**—Sow German Millet and Hungarian Grass, Cow Peas of all kinds, Sorghum, Chufas for hogs, Cotton, Corn, Peanuts, Pearl or Cat Tail Millet and Bermuda Grass. Put some Land Plaster on young clover, the result will surprise you.

**JUNE.**

**In the Garden.**—All crops should now have faithful attention. Plant Sugar and other early Corns, Cucumbers, Melons, Squash, Pumpkins; set out Sweet Potatoes, Egg and Pepper plants; sow some yellow summer Radishes, Endive, Collards and Cabbage for late use. Onion Sets can be still planted. Bunch Beans, both green and wax varieties, also Pole Beans. Sow Tomato seed for late use. Plant Okra, also try a few Ruta Bagas and early Turnips.

**In the Field.**—Continue planting field Corns. Plant Soja Beans, Pearl Millet, Bermuda Grass, Stock Peas of all sorts, German Millet and Hungarian Grass.

**JULY.**

**In the Garden.**—Plant Cucumbers for pickle, Tomatoes and Cabbage seed for late crop, also Pole and Bush Beans, Corn for roasting ears. This is a good month to commence sowing Ruta Bagas and a few Turnips. Plant Pumpkins, Okra, Squash, Lettuce and Summer Radishes. Set out Tomato and Sweet Potato plants.

**In the Field.**—Cow Peas, Millet, Hungarian, Sorghum and Field Corn can still be planted. Sow Buckwheat for bees. Plant Potatoes for raising the second crop.

**AUGUST.**

**In the Garden.**—Now is the time to start for a fall garden. Sow Kale, Spinach, Lettuce, Early and Winter Radish, Turnips and Ruta Bagas, Mustard, Beets, Parsley, Cucumbers, Squash, Collards and late Cabbages. Onion Sets and Shallots can now be planted. Continue planting Potatoes for second crop. Sow Italian Onion Seeds now for setting out in rows in October. Early garden Corn can also be planted.

**In the Field.**—German Millet can be sown as late as the 15th of the month. Sow some Rye, Barley and Winter Turf Oats, also Crimson Clover for winter pasture.

**SEPTEMBER.**

**In the Garden.**—Most of the seeds recommended for last month will do yet. Radishes, Corn Salad, Lettuce, Mustard, Kale, Spinach, Endive, Turnips of all sorts; Onion seeds for transplanting can yet be sown. Set out more Shallots and Onion Sets.

**In the Field.**—This should be an active month on the farm. Sow Crimson Clover as early as you can this month, it makes excellent pasture in the winter and fine hay crop in the early summer. Sow all kinds Grass Seeds and Red Clover now. Continue sowing Barley, Rye and Winter Turf Oats for winter grazing.

**OCTOBER.**

**In the Garden.**—Sow Kale, Spinach, Corn Salad and Winter Radishes. Sow outside about the 10th of the month Early Jersey Wakefield, Charleston or Large Wakefield, Early Summer and Solid South Cabbage for transplanting into cold frames next month. Sow some Lettuce in beds for winter use. Continue to set out Shallots and Onion Sets. Now is the time for planting Fall Flower Bulbs, Hyacinths, Tulips, Narcissus, etc. Sow Pansy seed in frames for transplanting in the spring.

**In the Field.**—Continue to sow Rye, Barley, Winter Turf Oats and Wheat. About the 15th wheat should be sown. Sow some winter Hairy Vetches with Rye, all kinds of Grass seeds for lawn and field; Timothy and Clover Seeds will do well sown this month.

**In the Orchard.**—Make preparations for putting out fruit Trees, Strawberry Plants, etc., next month.

**NOVEMBER.**

**In the Garden.**—Shallots and Onions can still be planted, and cover the rows with some fresh manure. Sow Spinach, Corn Salad and Winter Radishes. Have your cold frames ready for transplanting Cabbage into them sown last month. Continue to put out Flower Bulbs of all kinds.

**In the Field.**—The season is now drawing to a close, and everything should be sown as early in the month as possible. Sow Rye, Barley, Turf Oats, Wheat, Grass Seeds, Timothy and Clover.

**In the Orchard.**—This will be an active month, as November is the best time for planting out all sorts of Nursery Stock. Apple, Pear, Peach, Cherry, Plum, Quince and all kinds of shade trees are now ready to set out; also Grape Vines, Blackberry and Raspberry Plants, Strawberry Plants. We can supply you with choice Trees and Plants of every description.

**DECEMBER.**

**In the Garden.**—Very little can be done this month. Get all hotbeds ready and commence to sow Cauliflower and Cabbage for spring use. The latter part of the month start your Tomato and Egg Plants; sow in frames some early forcing Radish, also Lettuce. Continue to put out Hyacinth, Tulip and other fall Bulbs.

**In the Field.**—Farming operations are about over for the season now, although you can sow some Wheat, Rye and Barley if not yet done. When an opportunity offers plow your land and spread manure on it.

**In the Orchard.**—If not yet done set out Fruit, Shade and Ornamental Trees of all kinds and Strawberry plants. Prune, work and fertilize the old orchards, etc.



# KERSHNER PIANOS



AWARDED HIGHEST HONORS  
—AT THE—

Tennessee Centennial Exposition.

Specially made to withstand the effects of  
the Southern climate, and warranted  
for eight years.

Sold at Factory Prices.

Cash or Easy Payments.

**O. K. HOUCK & CO.,**  
NO. 359 MAIN STREET, MEMPHIS, TENN.

PAUL E. GIESELMANN.

J. A. WM. SOMMER.

*Gieselmann & Sommer,*  
**Apothecaries and Chemists.**

WHEN YOU ARE BILIOUS TAKE A GENUINE  
G. & S. LIVER POWDER.

COR. MAIN AND BEALE STREETS,  
MEMPHIS, TENN.

MAIL ORDERS RECEIVE PROMPT ATTENTION.



TELEPHONE 1436.

PROPRIETORS Union Stock Yard

**COLLIER, HALL & CO.**

WHOLESALE AND RETAIL

**HORSES AND MULES.**

Sale, Feed and Commission Stables,

53, 55 57, 59 & 61 SOUTH SIDE UNION ST. **Memphis, Tenn.**  
60, 62 & 64 NORTH SIDE UNION STREET,

CAPACITY OF STABLES, 2,000 HEAD.

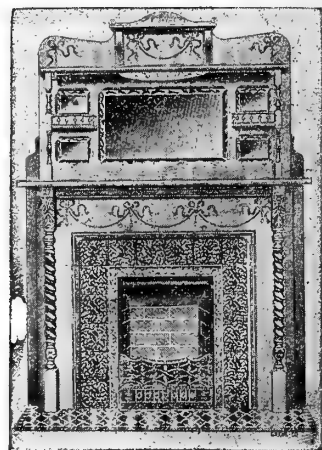
We handle more Live Stock than all the Stables in Memphis combined. All orders promptly filled.

**W. J. Northcross Mantel and Grate Co.**

MANUFACTURERS AND DEALERS IN

**Cabinet Mantels,****Enameled and Marbleized Iron Mantels,****Grates, Tile and Fireplace Goods.****392 MAIN STREET, MEMPHIS, TENN.**

CATALOGUE FREE.

**Armstrong Furniture Co.**

CHEAPEST

**FURNITURE HOUSE**

IN THE

**SOUTH.****ESTABLISHED****26 Years Ago.****Write for Wholesale Catalogue.****MEMPHIS, TENN.**

OPPOSITE PEABODY HOTEL.

# The Cotton Planters Journal,

## MEMPHIS, TENN.

Southern Success. —

— Indispensable.

**PUBLISHED  
MONTHLY.  
—  
ILLUSTRATED.  
48 PAGES.**

DEVOTED TO THE  
INTERESTS OF THE  
COTTON PLANTER,  
THE DIVERSIFICATION  
OF CROPS AND ALL  
MATTERS OF  
INTEREST TO THE  
SOUTHERN FARMER.

**The Cotton Field,  
Grasses and Grains,  
Fruits and Flowers,  
Trucking,  
Live Stock,  
Poultry,  
The Household.**

## Greatest and Best Southern Agricultural Journal

OFFICIAL ORGAN COTTON GROWERS' UNION.

### WE WANT YOU

To become a subscriber to the COTTON PLANTERS JOURNAL because we believe it will be beneficial to you, and again, we want \$1.00 for a year's subscription.

### IT WILL PAY YOU

To subscribe to the COTTON PLANTERS JOURNAL. It has many good practical suggestions for planters and farmers every month, which will be worth much more than their cost to you.

**SAMPLE COPIES FREE TO ANY ADDRESS—THIS MEANS YOURS.**

### DON'T WASTE MONEY

For advertising where it don't pay. Advertising in the COTTON PLANTERS JOURNAL pays. Look up our advertisers. We send you rates when you want them.

Published by the COTTON PLANTERS JOURNAL COMPANY.

RICHARD CHEATHAM, Manager.

H. L. BEDFORD, Editor.

355-357 SECOND STREET, MEMPHIS, TENN.



A. W. SCHEVENELL, PRESIDENT.

R. E. BULLINGTON, VICE-PRESIDENT.

L. H. TATE, SECY, TREAS AND GEN'L MGR.

## The Dixie Paint & Wall Paper Co.

 **Artistic Designers  
and Decorators.**

**Picture Framing, Relief Work,**

**TINTING,**

**House, Sign and Fresco Painting,**

**Glazing, Hardwood Finish.**

**Hardwood Floors, and**

**Grill Work to Order. . . .**

**229 Main Street, Memphis, Tenn.**

## A. Eberhart,

**GENERAL**

## Contractor and Builder

Estimates promptly furnished on all  
Class of Buildings.

**Public or Private Carpenter Work a Specialty.**

**Telephone 1520.**

**28 ROBESON ST., MEMPHIS, TENN.**

# SOUTHERN COAL CO.

**MINERS AND SHIPPERS OF**

# Coal and Coke,

**WHOLESALE AND RETAIL.**

Write us for prices for Coal in car load lots for domestic and steam purposes,  
we will guarantee satisfaction.

**OFFICE, 287 MAIN STREET,**

**MEMPHIS, TENN.**

**LONG DISTANCE PHONE 1191.**

# BEN SPEARS, SHOES.

*CHILDREN'S SHOES A SPECIALTY.*

378 MAIN STREET.

---

**D. A. FISHER,** MEMPHIS, TENN.

(Successor to MURPHY & FISHER.)

The Largest Insurance Agency in Tennessee.

**Country Risks, Gins, Saw Mills, Lumber, etc.,**

Written at lowest rates obtainable  
in first-class companies.

*Correspondence Solicited. Long Distance Phone, 60.*

# WILLIAMS & CO.

## Lumber Yard and Planing Mill.

## Sash, Doors and Blinds.

Office, Gayoso and Second Streets, MEMPHIS, TENN.

---

TAKE THE  
Little Rock & Memphis Railroad  
FOR ALL POINTS IN ARKANSAS.

Shortest and Most Direct Route.

Double Daily Passenger Trains.

H. W. MORRISON, G. P. & T. Agent, Little Rock, Ark.  
C. L. EGGLESTON, City Pass. Agent, 279 Main St., Memphis, Tenn.

---

## GUSTAV HUEBNER, WATCHMAKER AND OPTICIAN.

*FINE WATCH REPAIRING.*

357 MAIN STREET,

MEMPHIS, TENN.

# W. J. ABSTON & CO.,

## COTTON FACTORS

— AND —

# Commission Merchants.

---

*We solicit shipments of your Cotton, and will make liberal advances on all consignments.*

*We make a specialty of Long Staple and High Grade Cottons, and will sell you*

## GROCERIES

*And quote you very low prices on anything bought on this market.*

---

We make advances to good farmers during spring and summer to enable them to make a crop.

Office, 284 Front Street.

Cotton Shed, 155 Jefferson Street.



# SOME HANDY THINGS TO KNOW.

## How to Measure Corn in Crib.

This rule will apply to crib of any kind. Two cubic feet of sound, dry corn in the ear will make a bushel shelled. To get the quantity of shelled in a crib of corn in the ear, measure the length, breadth and height of the crib inside of the rail, multiply the length by the breadth and the product by the height; then divide the product by two, and you will have the number of bushels in the crib.

To find the number of bushels of apples, potatoes, etc., in a bin, multiply the length, breadth and thickness together, and the product by 8, and point off one figure in the product for decimals.

## Hay Measure.

About 500 cubic feet of well settled hay, or about 700 feet of new mown hay, will make a ton. To estimate amount of hay in mow—ten cubic yards of meadow hay weighs a ton. When the hay is taken out of old stacks, 8 or 9 yards will make a ton. Eleven or twelve cubic yards of clover, when dry, make a ton.

## Wood Measure.

To find the contents of cord wood, multiply the length, width and height together and divide the product by 128

How many cords in a pile of wood. 4 feet wide, 5 feet high and 24 feet long?  $4 \times 5 \times 24 = 480$  (cubic feet)  $\div 128 = 3\frac{3}{4}$  cords.

## Land Measure.

To find the number of acres in a body of land, multiply the length by the width, (in rods), and divide the product by 160. When the opposite sides are unequal, add them, and take half the sum, for the mean length or width.

Find how many acres in a field 96 rods long and 40 rods wide at one and 45 at the other.

$$\begin{array}{r} 2)85=40 \times 45 \qquad \qquad \qquad 96 \text{ length.} \\ \hline 42\frac{1}{2} \text{ mean width.} \qquad \qquad \qquad 42\frac{1}{2} \end{array}$$

$$\text{Ans., } 25\frac{1}{2} \text{ acres.} \qquad \qquad \qquad 160)4080(25\frac{1}{2} \text{ acres.}$$

A rod is  $16\frac{1}{2}$  feet, or  $5\frac{1}{2}$  yards. A mile is 320 rods.

A mile is 1760 yards. A mile is 5280 feet.

A square foot is 144 square inches.

A square yard contains 9 square feet.

A square rod is  $272\frac{1}{4}$  square feet.

An acre contains 43,560 square feet.

An acre contains 4,840 square yards.

An acre contains 160 square rods.

A quarter section contains 160 acres.

An acre is 8 rods wide by 20 rods long.

An acre is 10 rods wide by 16 rods long.

An acre is about  $208\frac{3}{4}$  feet square.

A solid foot contains 1728 solid inches.

To aid farmers in arriving at accuracy in estimating the amount of land in different fields under cultivation, the following table is given:

- 5 yards wide by 968 yards long contains 1 acre.
- 10 yards wide by 484 yards long contains 1 acre.
- 20 yards wide by 242 yards long contains 1 acre.
- 40 yards wide by 121 yards long contains 1 acre.
- 80 yards wide by 60½ yards long contains 1 acre.
- 70 yards wide by 65½ yards long contains 1 acre.
- 220 feet wide by 198 feet long contains 1 acre.
- 440 feet wide by 92 feet long contains 1 acre.
- 110 feet wide by 369 feet long contains 1 acre.
- 60 feet wide by 726 feet long contains 1 acre.
- 120 feet wide by 363 feet long contains 1 acre.
- 240 feet wide by 181½ feet long contains 1 acre.

## Seeds Usually Sown Upon an acre.

Artichoke, Jerusalem.....	3 bushel
Barley, broadcast.....	2 bushel
Beans, dwarf, in drills.....	1½ bushel
Beans, pole, in hills.....	8 to 10 quarts
Beans, in drills.....	4 to 5 pounds
Broom Corn, in hills.....	4 to 6 quarts
Buckwheat, broadcast.....	¾ to 1 bushel
Cabbage, to transplant.....	½ pound
Carrot, in hills.....	2 to 3 pounds
Corn, in hills.....	8 quarts
Clover, Alsike.....	5 pounds

Clover, Red, alone.....	10 pounds
Clover, White.....	6 pounds
Clover, Lucerne or Alfalfa.....	15 pounds
Cucumber, in hills.....	1 to 2 pounds
Grass, Blue.....	2 bushel
Grass, Hungarian.....	1 bushel
Grass, Lawn.....	3 bushel
Grass, Orchard.....	2 bushel
Grass, Herds.....	1½ bushel
Grass, Timothy.....	¾ bushel
Millet.....	1 bushel
Oats, broadcast.....	2 to 3 bushel
Onion, in drills.....	4 to 6 pounds
Parsnip, in drills.....	4 to 5 pounds
Peas, early in drills.....	1½ bushel
Peas, Marrowfat, in drills.....	1¾ bushel
Peas, broadcast, Stock.....	2 bushel
Potatoes, cut tubers, in drills.....	10 bushel
Radish, in drills.....	6 to 8 pounds
Rye, broadcast.....	1½ to 2 bushel
Salsify in drills.....	6 to 8 pounds
Spinach, in drills.....	8 to 10 pounds
Turnip, in drills.....	1 pound
Turnips, broadcast.....	2 pounds
Vetches, broadcast.....	1 bushel
Wheat, in drills.....	1 bushel
Wheat, broadcast.....	1½ bushel

## Spraying Fruit Trees.

The rapid increase of insects, injurious to fruit and fruit trees, should necessarily compel everyone interested to provide means to oppose and destroy their ravages. We have given a few useful formulas for spraying, which, if carefully followed, with the assistance of a good spray pump, will insure a good crop of sound and healthy fruit. Do not put it off, but commence spraying early, before the insects are noticed. Spraying must also be done intelligently. Simply to make an application here and there, without some object in view, is wasting time and money. By spraying at the right time and using the proper remedies success is most certain.

## Useful Recipes—Formulas for Spraying.

**Kerosene Emulsion.**—1 qt. soft soap or ¼ lb. whale oil or hard soap, mixed with boiling water, and stir in 1 pint of kerosene oil; agitate violently till a permanent mixture is formed; then add 15 parts of water to 1 part of the mixture. Safe and reliable on all foliage, and is one of the most useful insecticides.

**Carbolic Acid.**—1 quart soft soap to 2 gallons of water. Add 1 pint of crude carbolic acid. Use freely.

**Paris Green** (Arsenites).—1 pound to 180 gallons of water or 1 teaspoonful to a pail of water. Add some lime to prevent injury to foliage, and a little flour to make it adhere.

**London Purple** (Arsenites).—1 pound to about 130 or 150 gallons of water, or a teaspoonful to a pail of water. Add some lime to prevent injury to foliage, and a little flour to make it adhere.

**Bordeaux Mixture.**—Copper 5 lbs., water 22 gallons, mix well; in another vessel mix 4 lbs. lime with 7 gallons of water, stir well and let it cool; then pour the two mixtures together slowly, mixing well and let it stand a day before using.

**Copper Sulphate.**—4 lbs. lime 4 lbs. water 1 barrel.

One secret of spraying is to FORCE the liquid hard against the foliage so all the insects may be touched. This can be accomplished successfully only by using a force pump. If the pump throws a continuous stream you will not waste the solution; otherwise it will not only be unsatisfactory but you will lose a large part of the preparation.

Spraying your trees will save 90 per cent of your crop. It is worth all your labor and expense to try it.

## Precaution Necessary in Handling Insecticides.

All poison must be carefully and distinctly labeled, and kept out of the reach of the children. Never handle with bare hands, or without oiling the hands or covering any sores with court plaster, or using gloves. While spraying keep to the windward of the trees; wash thoroughly afterwards.



OTTO SCHWILL  
& Co

Seedsman

Established 1869

MEMPHIS, TENN.

SEED WAREHOUSE

304 FRONT STREET.

GREENHOUSES AND  
TRIAL GROUNDS

AT IDLEWILD STATION,

East End Car Line.

NURSERY  
GROUNDS

5 MILES EAST  
ON POPLAR  
BOULEVARD.

A TRIAL ORDER SOLICITED.